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62-10



1898

MICHELL'S

HIGHEST QUALITY

SEEDS

Henry F. Michell
1018 Market St.
PHILADELPHIA

Price 9¢
MICHELL'S
LARGE FLOWERING
ECKFORDS SWEET PEAS
CHOICEST MIXED

10¢ per OZ - 60¢ per lb - 4 lbs for \$ 2.00



DEPTH, 210 FEET

Philadelphia, January 1st, 1898.

Special Announcements

- No. 1.—We guarantee safe arrival of all goods purchased from us, customers take no risks
- No. 2.—We guarantee satisfaction in all dealings with us—customers may rely fully upon us.
- No. 3.—If for any reason our goods should not be exactly what the customer desires, they may be returned to us within reasonable time and the money will be immediately refunded or account credited for full amount.
- No. 4.—If desired we will gladly procure for our customers any **SEEDS, PLANTS**, or other articles not offered in our catalogue, but quoted in any other catalogue. Customers will kindly mention in their orders the firm offering the Seeds, Plants or articles wanted and the prices quoted for same, and we will ship with our own goods, thus saving extra expense and work for our customers.
- No. 5.—We make no charge for packing cases, baskets, packages or barrels, and pack as lightly as possible, consistent with safety, so as to reduce the cost of carriage.
- No. 6.—Correspondence, advice, etc. We are always glad to give any information in our power to our customers on any subject pertaining to our business.
- No. 7.—We pay the postage on all seeds in packets and ounces purchased from this catalogue. We only charge postage on bulk quantities, viz.: At the rate of eight cents per pound. Peas and Beans at the rate of fifteen cents per quart, and Corn at the rate of ten cents per quart.
- No. 8.—We make no charge for cartage or delivery of goods to any railroad station, steamship line, or express office in Philadelphia.
- No. 9.—To Gentlemen wishing the services of a gardener. We have on our register the names of very good men who are open to take a position. We will be careful to recommend only such men as would be most suitable, and with best of references.
- No. 10.—To Gardeners wishing situations. We frequently have calls for first-class gardeners, and to supply such openings we cheerfully ask gardeners who are in want of a position to apply to us, and we will endeavor to find a suitable place for good men.

We positively make no charge for this service, either to employer or employee, and exact no obligation whatever, as we consider it a strictly **BUSINESS MATTER** and a part of our business.

OUR SEEDS are all grown on contract by strictly reliable growers and specialists, and our customers may rely upon getting the very best Fresh, Tested Seeds.

Our Stock of Implements is Large, New and Complete, at moderate prices.

--- WE CARRY IN STOCK ---

Everything for the Garden, Lawn and Greenhouse

How Best to Remit

Remittances should be made either in the form of a **P. O. Money Order, Bank Draft, Express Money Order, Express Purchasing Order, or Registered Letter.** Remittances in any other way are entirely at the sender's risk.

Give full shipping instructions on each and every order you send. To avoid chance of error, never write letters on the same sheet as your order.

HENRY F. MICHELL

1018 Market Street, Philadelphia

HENRY F. MICHELL
FRED'K J. MICHELL

TELEPHONE 52-60 A

WAREHOUSE, 1017-1019 MARBLE ST.

Novelties and Specialties in Vegetable Seeds

DESCRIPTION AS GIVEN US BY THEIR RESPECTIVE INTRODUCERS.

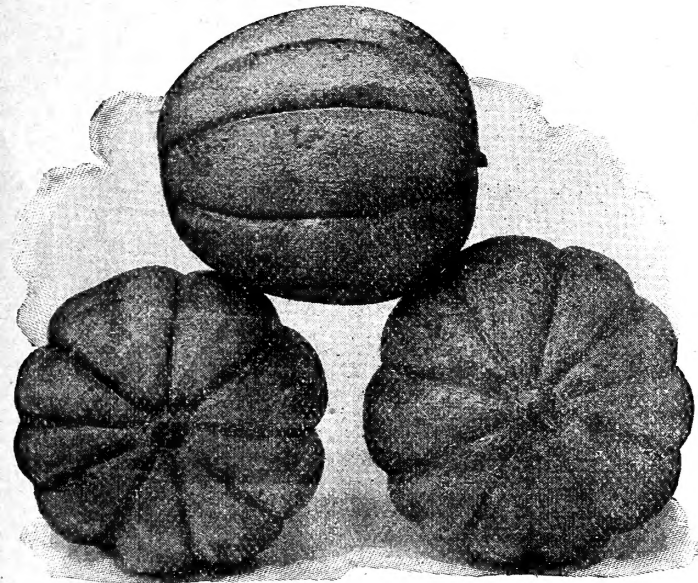


CABBAGE

ERFURT ROUND-HEAD WHITE

The very finest sort now in cultivation. It is a very close and heavy, tender, smooth roundheaded variety, and when preserved has a fine golden color, thus presenting a more appetizing and finer appearance than others which turn a grayish white. Sown in May, it forms part of the second crop, is well adapted for main crop as it stands a very severe winter when stored and is therefore an excellent keeper.

All my business friends who have given this sort a trial agree in pronouncing it an excellent first-class introduction. Per pkt. ($\frac{1}{3}$ oz.) 10c., 3 pkts. for 25c.



...NEW MUSKMELON OR CANTELOUPE...

LIVINGSTON'S TIP TOP

The New Tip Top Muskmelon ought to be grown by everybody. It always pleases either market or private growers.

Mr. Thos. L. Ross, Macon, Ga., writes:—"I have been trying for several seasons to get my ideal melon, but have never succeeded until this season. I have found it in Livingston's Tip Top. From a patch 60 feet square I gathered 400 of the best melons I ever saw, although we had a very unfavorable spring. Not a drop of rain fell in ten weeks. I have given melons to a number of my friends and Market Gardeners, all of whom pronounced them "Tip Top" in every respect. In size, quality and productiveness the Tip Top is far ahead of any melon I have ever grown. I expect to plant several acres of them next season."

Pkt. 10c.; oz., 20c.; lb. \$1.00

Livingston's New Yellow Prince Tomato

This elegant new Tomato completes the list of upright growing sorts—Dwarf Champion in purples, Livingston's Aristocrat in reds and the New Yellow Prince in yellows. Its rank and sturdy, but compact growth makes it very interesting to cultivate, and this together with its beauty and usefulness, will delight every lover of a good garden. Pkt. 10c., 3 pkts., 25c., 15 pkts. \$1.00.



Livingston's New Tomato for 1898 YELLOW PRINCE



BRIGHT AND EARLY TOMATO

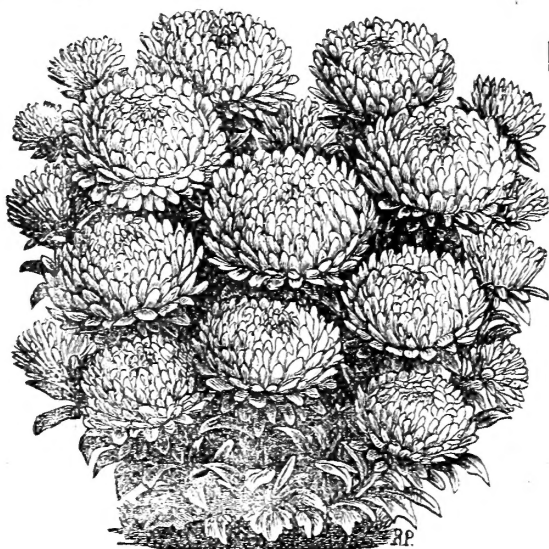
We consider it the best combination of earliness, yield and quality yet attained in this vegetable, and believe it is the coming early tomato for home use and for the early market. We have repeatedly tried it in comparison with the leading early varieties, and the **Bright and Early** has invariably been first to ripen. One market gardener reports that with him it was fully two weeks ahead of any other variety, over fifty kinds being tested.

The form is nearly round, with smooth surface, free from irregularities. Color is a fine deep, handsome red, very uniform. The skin is firm, the flesh solid and of the finest flavor. While some large specimens are produced, the average size is slightly below medium. But whatever is lacking in the size of the individual fruit is more than made up in the immense clusters in which they are borne. With this variety the best results are obtained both in quality and quantity of yield, and especially in earliness, if high manuring is avoided. Sold in packets only. Price 10c. per pkt., 3 pkts. for 25c.

RADISH "FIRST CROP"

As the name says, this is an exceedingly early variety for forcing and excels even the famous Ne plus ultra-Radish in **earliness and quality**. This new Radish is of a beautiful scarlet color of such intensity as is not found among all other varieties. Being nicely olive-shaped as they are now preferred, it undoubtedly will secure a first-class place in every market and private garden where tried. 15c. per pkt., 2 pkts. for 25c.

NOVELTIES—FLOWER SEEDS.



New White Aster "Triumph."

New white-flowering variety of this splendid class of dwarf Asters with large incurved flowers. Especially to be recommended for pot culture or for dwarf groups.

No. 69. Pkt. 20c., 3 pkts. for 50c.

New White Aster "Ostrich Feather"

The great merits of this new Aster have been appreciated by award of a large Silver-State-Medal at the International Horticultural Exhibition at Hamburg, 1897.

This magnificent new Aster, originating from the Goliath-type, bears some resemblance to the giant white Comet-Aster. The principal distinction is in the *candelabrum-like habit of growth* and its *far better floriferousness*, but the *greatest merit is to be found in their flowers of immense size, averaging six inches in diameter*, of a beautiful snow-white color, *combined of much longer petals and still more loosely formed*, thus equalling the best Japanese Chrysanthemums. For modern bouquet work, for arrangements in vases, baskets, etc., those long-stemmed magnificent flowers are an invaluable material. *No gardener wanting Asters for cutting purposes, should fail to procure this "Gem" among Asters.* No. 99, per pkt. 20c., 3 pkts. for 50c.

Begonia hybrida gigantea "Mammoth"

Flowers, leaves and the whole growth of the plant in general are of so gigantic dimensions as never seen before in the whole collection of Begonias. The scarlet flowers are of immense size and a well-rounded form. The beautiful foliage and the abundance of flowers adapt this variety particularly for bedding out.

No. 149. 25c. per pkt.

Balsam Improved Camellia-Flowered "Alba Perfecta" (pure white).

A really pure white Balsam with large and at the same time very double flowers. The plant is crowded with snow-white blossoms.

No. 130. 20c. per pkt., 3 pkts. for 50c.

Angelonia Grandiflora Alba

A very graceful greenhouse plant of aromatic odor; blooms the first season. Its extremely numerous pure white flowers standing out in handsome contrast with the elegant dark green lanceolate foliage. This beautiful new pot plant is especially adapted for room or conservatory decoration, being a good winter bloomer.

No. 30. 25c. per pkt.

Begonia hybrida gigantea "Cristata"

A BEARDED BEGONIA.

A Wonderful Introduction.

The surprising characteristic of this startling novelty is that, attached to the petals is an irregularly fringed appendage, closely resembling a beard, which gives the flower a most elegant appearance. It has been awarded by the **French National Horticultural Society** a first-class certificate. It will cause a sensation wherever it may be seen. The mixture of the rich shades is composed of brilliant red, pale pink and pure yellow. No. 150. Pkt. 25c.



Angelonia grandiflora alba

NEW MARGUERITE CARNATION "EXCELSIOR"

Positively the best and most splendid specimens of this class which have, as yet, been obtained. They are the result of artificial and carefully combined crossings with large flowering varieties, especially with yellow and yellow-grounded Carnations. They are dwarf; they blossom much earlier than the ordinary Marguerite, and perpetually in bloom. Are of the most varied and beautiful colors, from the purest white to every possible shade of red and yellow, yellow-ground and Picotees. The flowers are always large, even when cultivated in pots or in earth of inferior quality. No. 239. 20c. per pkt., 3 pkts. for 50c.



NEW LARGE PARIS WHITE DAISY

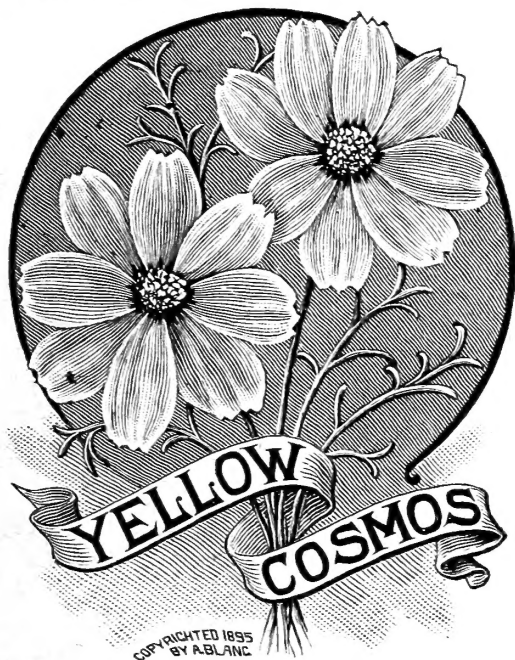
269 Perfection. A grand white flower, many of the blooms measuring 5 in. across, and for cutting is invaluable. It comes true from seed and is sure to find a place in every garden. Pkt. 15c., 2 pkts. for 25c.



New and Improved Types of Cosmos

"New Marguerite" Cosmos. Mixed. One of the prettiest and daintiest varieties imaginable; the flowers measure from 2½ to 3 inches across; the petals are deeply and irregularly lacinated or fringed; the flowers resemble Marguerites, but are much more beautiful. No. 253, 15c. per pkt., 2 pkts. for 25c.

Cosmos, New Improved Yellow



This pretty and useful Cosmos is greatly improved after two seasons in California; the flowers are twice as large (about 2¾ inches in diameter), with broader petals and the plants more upright in growth. It begins blooming when very young, and blooms profusely and continuously, giving a mass of bright color that is very attractive. No. 255, 15c. per pkt., 2 pkts. for 25c.

256 Cosmos—Large-flowering Fringed. Most exquisite and perfect flowers with petals overlapping and plaited; flowers very large, quite flat and beautifully fringed; one of the most lovely of all the varieties. Per pkt. 15c., 2 pkts. for 25c.

262 Cosmos—Camelliaflora. White, pink and red; mixed; splendid varieties, with very large overlapping petals of great substance, resembling Single Camellias, but much larger, more beautiful; very chaste and lovely. Per pkt. 15c., 2 pkts. 25c.

263 Early Cosmos—Tints of Dawn. New, distinct varieties. Flowers have a white ground, finely flecked or flushed a delicate pink; very beautiful. Per pkt. 15c., 2 pkts. 25c.

264 Cosmos—Single Dahlia, Flowered. Crimson. Splendid flowers of the deepest, richest shade; very large, resembling Single Dahlias in shape. The contrast between the brilliant red flowers and rich green of the foliage is very striking. Pkt. 15c., 2 pkts. 25c.

New Feathered Cyclamen.

"BUSH HILL PIONEER"

Flowers white of great substance with a strikingly distinct crest or feather of the same color upon the face of each petal.

This, the first variety of its kind, is undoubtedly destined to be the forerunner of an entirely new strain of Cyclamen, the feather adding enormously to the substance and lasting properties of the flower. No. 315, in sealed packets, 60c. each.

First Class Certificate
Paris, 1897.
First Class Certificate
Ghent, 1897.

....New Cigar Plant....

(*Cuphea miniata compacta*)

This pretty novelty grows only about 8 inches high. Its flowers are produced in great number in various shades of carmine, scarlet, crimson and purple, and form a pleasing contrast with the fresh green foliage. The bushy little plants are certainly a valuable addition to our dwarf-growing annuals, the more so as they bloom until very late in the autumn. No. 320, 20c. per pkt.



New Perennial Larkspur "Glabratum"

(*Delphinium speciosum*)



Handsome new hardy perennial Larkspur from the Himalaya mountains. 2 feet in breadth by 3 feet in height, flowers 1½ to 2 inches across and of a beautiful dark azure color; similar in growth to the Cashmerianum; this new Larkspur differs essentially by its larger and by the more opened, star-like and longerspurred flowers. No. 377, 25c. per pkt.

New California Poppy

"THE GOLDEN WEST"

Grand new Eschscholtzias.

The flowers of these new giants measure from 4 to 6 inches in diameter; they have very large overlapping petals; they are beautifully and variously formed; some are flat and wide open, some saucer shaped, others very deep with flaring edges.

In some the orange blotch almost suffuses the whole flower, in others it runs into the yellow in fine penciled lines, the Maltese cross in some of the flowers is very distinct.

Words are inadequate to describe the wondrous beauty of these magnificent flowers; their intense and shining color, immense size and lovely forms; calls forth the most enthusiastic expression of admiration.

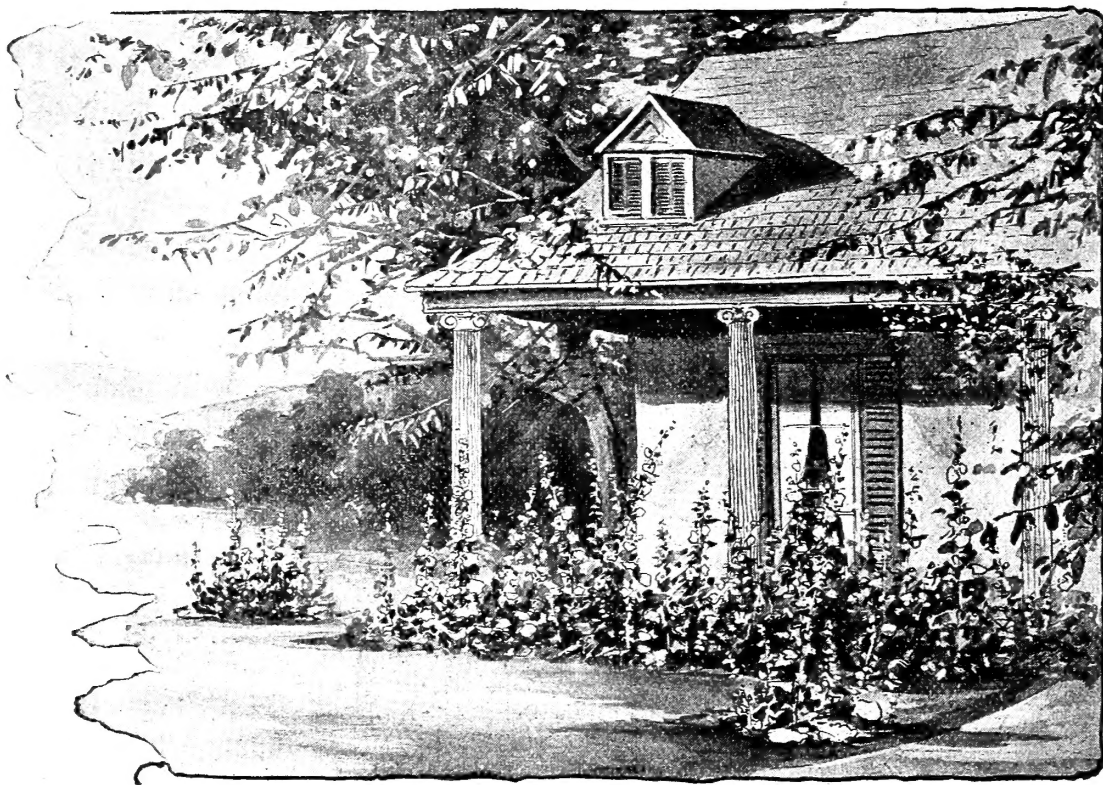
They are especially adapted to the eastern climate, owing to their early and long continued season of blooming, which united to their brilliant beauty makes them invaluable for bedding plants.

No. 407, 20c. per pkt., 3 pkts. for 50c.

NEW GENISTA "MONOSPERMA"

Weeping White Cape Broom

The flowers are white and sweet scented, they come out along the tendril-like drooping leaves or twigs, and hang so gracefully as to resemble a bridal veil. No. 437, 20c. per pkt., 3 pkts. 50c.



Fringed Perpetual Blooming Hollyhock "Allegheny"

Blooms the first season from seed if sown early. Its points of merit are. The novel shape of the flower and the fringed edges, and its large size, from 5 in. to 7 in. diameter. In addition hereto the color is something fine, and the appearance of the petals convey the idea that they were made of crushed silk. on account of the delicate colors. The **immunity from disease is a good point**, and the fact that at each axil are 3 to 4 buds, which all develop, is also a good point; this prolongs the blooming season. They come 90 per cent. true from seed.

No. 510. Choicest mixed of all colors 20c. per pkt., 3 pkts. for 50c.
No. 513. Beautiful pink. 25c. per pkt.
No. 514. Rich scarlet. 25c. per pkt.

AUSTRALIAN... ...NOVELTY

Kennedya Nigracans. A beautiful climber of wonderfully rapid growth, with glossy green leaves and yellow flowers marked with black. It makes a dense, impenetrable wall of dark green, and will climb thirty or forty feet. When covered with its lovely yellow flowers, it makes a brilliant show. It will stand several degrees of frost, and is a most popular plant for trellising.

No. 534. 20c. per pkt.

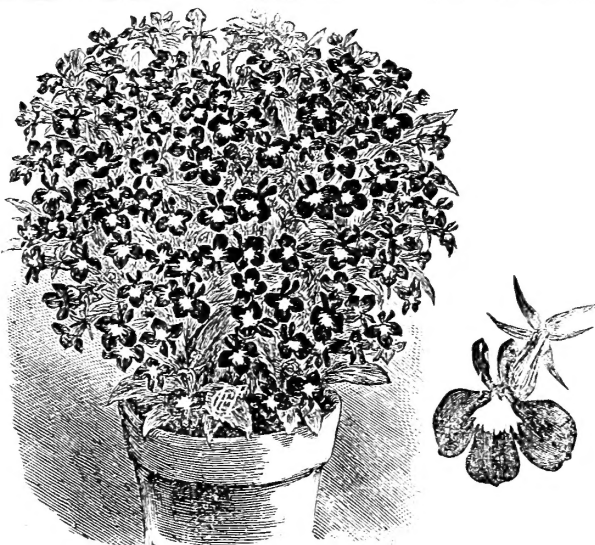
Lobelia Erinus pumila splendens

This novelty represents the most remarkable and magnificent variety of its kind.

The freedom of blooming is unsurpassed and for bedding in summer or for growing in pots, vases and hanging baskets, this sort will prove the best on account of its very dwarf and compact growth.

The flowers show the deepest purple, thus beautifully contrasting with the large white eye.

No. 559. 15c. per pkt., 2 pkts. for 25c.



Lobelia Erinus pumila splendens.

Leptosyne Stillmani

(Asa Gray.)

This beautiful Californian annual, comes from the Sierra Nevada, where it grows at a height of 6,000 feet, and seed of which has not hitherto been offered. With graceful thinly-cut foliage and growing about one foot high, the habit of the plant is bushy and compact and each of the numerous flower stems is crowned with a splendid golden yellow blossom, of elegant shape and over 1½ inches in diameter. A prominent characteristic of this Leptosyne is that it blooms within four to five weeks after sowing, surpassing in this respect almost every other annual. It is best to sow in the open air in sandy ground in a sunny situation. This fine Leptosyne will be found an excellent cut flower, and is also well adapted for making striking groups.

No. 540. 20c. per pkt., 3 pkts. for 50c.

Gloxinia Hybrida crassifolia "Queen Victoria"

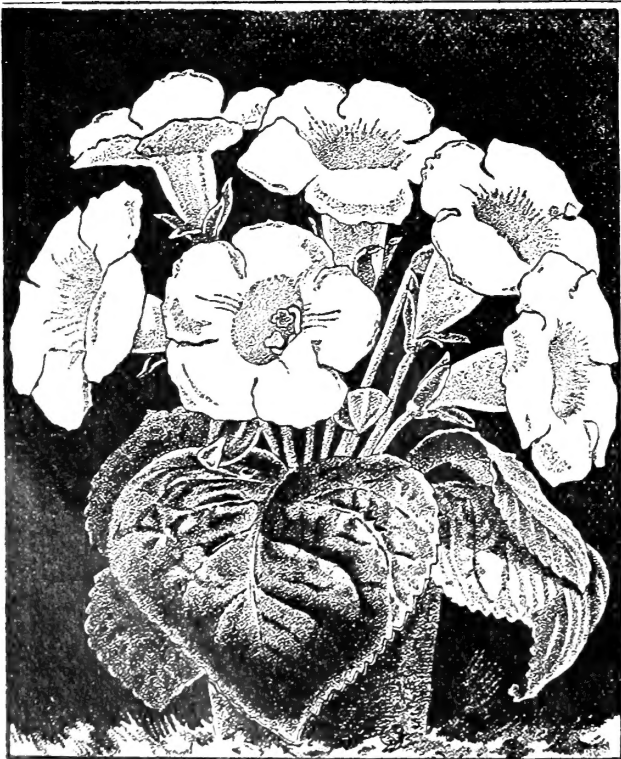
This variety is the **best** and only **white Gloxinia**. The growth is robust and compact, the leaves small and **always sound**, the satin-white flowers stand upright, in great numbers, over the fine green, true crassifolia leaves. Of the many Gloxinias grown in my nursery, this is the easiest cultivated, never infected by disease and very free-flowering. It can be recommended without hesitation.

No. 444 35c. per pkt.

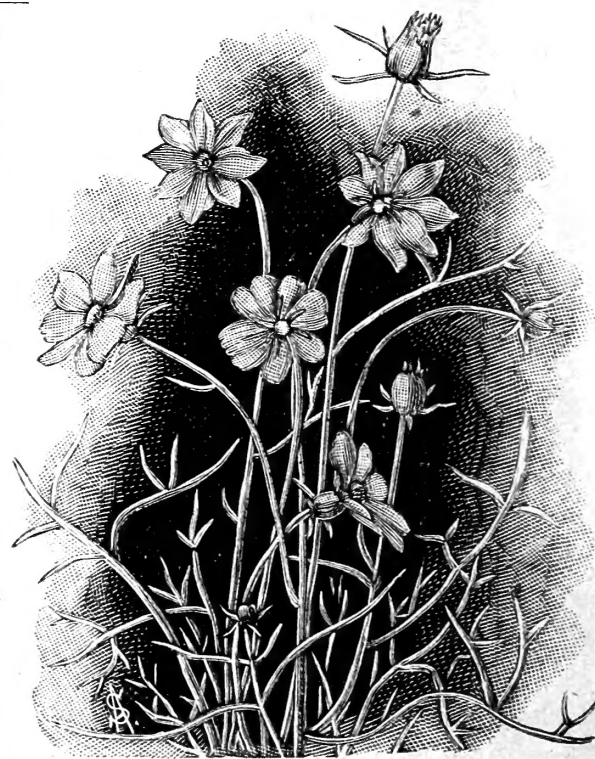
Gloxinia hybrida crassifolia "Improved Scarlet Queen"

Nobody has ever offered a Crassifolia Gloxinia more perfect than my "Scarlet Queen," which leaves the so-called "pure scarlet" Defiance far behind. Plants of faultless growth, with beautiful deep green leaves, produce a bouquet of marvellous flowers. Each of them of an extraordinary size, waved edge and a deep, yet glowing scarlet color. I am now offering the very best to my esteemed customers.

No. 445. 25c. per pkt.



Gloxinia "Queen Victoria"



Leptosyne "Stillmani"



**New
Dwarf
Mignonette
"Victoria"**

A charming new variety of dwarf and compact habit, the flower spikes are of a dark red color contrasting very effectively with the bright green foliage.

No. 639, 15c. per pkt., 2 pkts. 25c.

New Forget Me Not "Nixenauge"
(*Myosotis palustris grandiflora*)

The real Forget Me Not, flowering during the whole summer when other varieties have gone to seed. The flowers are as large as those of dissitiflora "Perfection" but of greater duration, beautiful sky blue and on long stems. The seed here offered has been grown on dry ground, and will produce only true and large flowering plants. The treatment is the same as *Myosotis alpestris*. No. 615, 20c. per pkt., 3 pkts. for 50c.

**New Forget Me Not
"Stricta Coelestina"**

A *Myosotis* striking by its very unique structure. All branches grow straight perpendicular, without ever bending to the side. By this compact growth every plant forms a regular pillar or column. This habit makes this variety particularly useful as a pot plant. The wonderful sky blue of this free flowering *Myosotis* greatly enlarges its value.

No. 616, 20c. per pkt., 3 pkts. for 50c.

**New Dwarf Forget Me Not
"Tom Thumb"**

(*Myosotis Palustris Tom Thumb*)

Quite a pigmy form of the widely known Marsh Forget Me Not, the plants forming little tufts, from whence springs up an abundance of delicate sky-blue flowers. It comes nearly true from seed, blooms uninterruptedly from May until frost and is admirably adapted both for borders and for pot culture.

No. 617, 20c. per pkt.

Myosotis "Stricta Coelestina"



...New Single Dwarf Marigold "LUTEA"...

About 8 inches high by 10 in diameter, my new variety forms with its elegant foliage pretty little bushes, which are thickly covered with bright sulphur yellow flowers, the dark yellow centre of which is surrounded by a ring of brown spots. Owing to its extreme floriferousness the plant is equally suitable for beds, borders and pot culture, and can also be used for cutting. No. 589, 15c. per pkt., 2 pkts. for 25c.



Cardinal Poppy.

.. NEW...

Hybrid Poppy

816 "Cardinal." These new varieties grow about 18 inches high. Their habit is erect and compact. Among the shades appearing in the flowers are chamois and brilliant rose on light ground and purple crimson, and pink on black brown or violet ground. Pkt. 10c., 3 pkts. 25c.

New Golden Foliage Single Sunflower (*Helianthus*)

The plants are of luxurious but stout growth and reach a height of 7 feet. The large leaves are variegated with most distinct markings, the colors varying from golden yellow to dark green, some leaves are regularly striped and blotched, in some the color approaches a clear golden yellow. About 80 per cent. comes true from seed. No. 499, 20c. per pkt., 3 pkts. for 50c.



**Primula
floribunda
grandiflora
isabellina**

This new well fixed variety bears flowers of a soft and very pleasing pale sulphur yellow, contrasting beautifully to the lively green foliage.

No. 812, 25c. per pkt.



**Primula capitata
(cashmeriana)
alba.**

New white-flowering hardy perennial variety of this lovely earliest blooming Primrose, reproducing itself true from seed. The flowerheads are very large.

No. 814, 20c. per pkt., 3 pkts. for 50c.

**Large Flowering
Fringed Primula
.....Obconica.....**

New variety of this well known everblooming Primrose, with finely fringed large flowers.

No. 815, 20c. per pkt., 3 pkts. for 50c.



Petunia hybrida "Snowball"

A new, very dwarf variety that comes quite true from seed. Its beautiful, satiny white flowers are well shaped and cover the whole plant with one mass of blooms. Admirably adapted for bedding and pot culture, also for cemetery use. It stands heat and draught equally well. No. 742, 15c. per pkt.; 2 pkts. for 25c.

New Double Petunia....

... "Brilliant Pink Liliput"

The dwarf and freely branching plants grow about 8 inches high and are covered with lovely little flowers of a brilliant pink tint, on which the regular stripes stand boldly out. By carefully fertilizing the single flowers with doubles of the same hue I have obtained seed which produces a good percentage of the latter, 30 to 35 per cent. being a safe one to reckon on. No. 743, 25c. per pkt.

New Mammoth Flowering Petunia "Venus"

Color a splendid carmine with white of such a charm and beauty, as not seen before amongst Petunias as well. Beside "Favorite" this novelty found the general public fancy at the Hamburg Exhibition and was also awarded the Large Silver-State-Medal.

No. 744, 25c. per pkt.

New Mammoth Flowering Petunia "Favorite"

This new Petunia is a variety of the *Superbissimatype*, the flowers are of an *extraordinary large size* and *greatest perfection*. But the most important distinction is in the peculiarity of coloring, of such a *loveliness and tenderness, as not yet existing among all varieties of Petunias*. The committee of the Society of German Nurserymen, having been sent for judgment, unanimously stated the great value of this novelty and acknowledged this in the Award of merit with expressions of praise.

No. 745, 25c. per pkt.

NEW

OX
EYE

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(RUDBECKIA BICOLOR SUPERBA.)

This new annual variety represents a very welcome addition to the collection of these popular annual and perennial plants so extensively used for cut flowers at present. Growing about 2 feet in height, it forms a many-branched, dense bush, and produces its longstemmed flowers in the greatest abundance. The disc is brown, the ray florets are yellow with large velvety-brown spots at the base. Very effective annual and very useful for cutting. No. 784, 20c. per pkt., 3 pkts. for 50c.

Giant Paeony Poppy "Nankeen."

An entirely new color—pale lemon. Flowers very large and double. No. 835. 25c. per pkt.

Giant Paeony Poppy "Snowball."

New extra large pure white; very double. No. 846. 25c. pkt.

New Salpiglossis "Emperor."

One of the greatest favorite annuals. It has now this high place partly by its easy culture, but principally by its beautiful, in their design almost orchid like, flowers, which it produces during the whole summer. It forms only one single leading stem, which often grows as thick as a finger, and bears on its end a bouquet of the most beautiful flowers. Every one of them is richly veined with gold and considerable larger than those of the old "grandiflora" type. The throat is wide open and short. The edge of the flower is not so deeply incurved as with the old variety, which gives it a more round shape. This novelty is so extraordinary and beautiful that everybody, even the greatest experts of this country and abroad, pronounced it most extraordinary. No. 844. 25c. pkt.



Lower flower 1/3 nat. size.
Salpiglossis "Emperor"

Dwarf Sweet Pea—Burpee's Pink Cupid.

SEE "Special Page" AFTER PAGE 18.

THE GREATEST NOVELTY FOR 1898

No. 1012. Full-size package (containing 24 seeds) 25c.; 5 pkts. for \$1.00; 12 packets for \$2.00. In half-size packets (each containing 12 seeds), per pkt. 15c.; 2 pkts. for 25c.; or 10 pkts. for \$1.00.



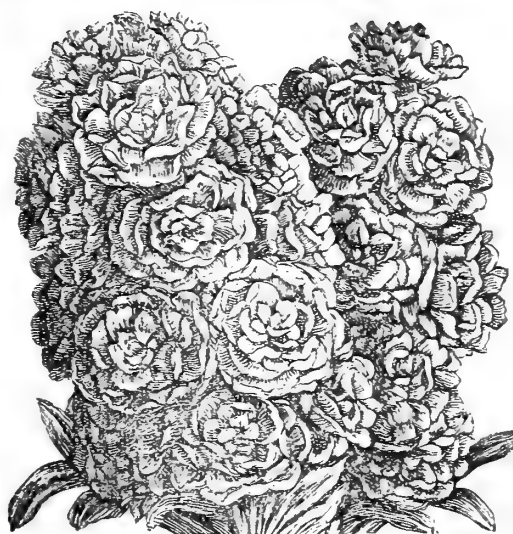
299 Dwarf Golden Yellow Flowering Pea (*Crotolaria Retusa*). The flowers of this beautiful annual are of a rich golden yellow color, of the true Sweet Pea form and as large as the Eckford's varieties. The flowers are of firm substance and grow in racemes, fox-glove style and often produce forty blossoms on one spike. It blooms profusely throughout the summer and until killed by frost. Start the seeds in the window or hot bed, first soaking them in warm water. Per pkt. 10c., three pkts. 25c.

NEW TORENIA FOURNIERI.

976 "Princess Helen of Montenegro." Grows vigorous, well furnished with branches. The porcelain-blue, indigo-blue-spotted blossoms appear abundantly all through the summer; they are of extraordinary size and beauty, very much larger and finer than the Fournieri, measuring at least 1½ inches across. Pkt. 20c.; three pkts. 50c.



The top portion of a single flower cluster, from a photograph of Lemoine's New Giant Hybrid Heliotrope.



Large Flowered Pyramidal Ten-Week Stock Brilliant Pink.

...NEW...

Ten-Week Stock

"Brilliant

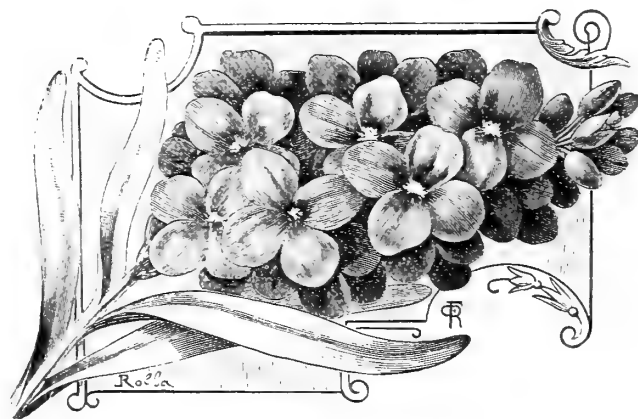
...Pink."

887 Large Flowered Pyramidal. Very effective new variety of this popular class of ten week stocks. It produces long flower-spikes with large, well-formed double flowers of an extremely brilliant rose color. 75 to 80 per cent. of the plants will prove to be double-flowered. Pkt. 15c., four pkts. 50c.

Viscaria oculata brunea.

Viscaria is a very easy grown annual; the seed can be sown directly in the open ground or first under glass, and the young plants then be transplanted in the bed or border, which will soon show a profusion of flowers. The novelty now offered is of an original blood-brown color and will be a very welcome addition and improvement to the mixture of this annual. No. 959, 20c. per pkt.

NEW WALL-FLOWER.



Wall-Flower "Royal Purple."

963 "Royal Purple." In consideration of the great richness of its color, this new variety will be certainly received with a hearty welcome. The color is a beautiful red carmine purple. The flowers are single. Either for groups or cut flowers the "Royal Purple" will be a valuable novelty. Pkt. 15c.

New Black Foliage Heliotrope.

It is with pleasure I offer seeds of two new Heliotropes: "Egypt" and "Midnight," a dusky pair, most appropriately named; the stems are black as ink, the foliage a beautiful bronzy green, so dark as to be almost black. Midnight has a fine tree-like habit that is very distinct, while Egypt is round and bushy with lustrous foliage, resembling thick crepe; the flowers of both are beautiful shades of bluish purple, variegated with white and lighter purple; both are extremely handsome, and the seeds can be depended upon to bring fine dark leaved varieties. No. 518, 20c. per pkt

NEW HELIOTROPE

Distinct in Foliage with Mammoth Clusters of Perfect, Fragrant Flowers.

517 Lemoine's Giant Hybrids. A bed of this New Heliotrope will be the pride of your garden; it is a grand novelty, and will doubtless cause you to discard all varieties previously known. The flower heads are more than twice the size of the best varieties of the old species; they expand daily more and more, and when in their full beauty the trusses measure from ten to fifteen inches across. Their fragrance is simply lovely. The colors are from pure white through all shades of violet and blue to deep indigo. It is large and glossy. Pkt. 15c., two pkts. 25c.

ZINNIA DOUBLE GIANT "QUEEN VICTORIA"

A pure white variety of the Zinnia elegans robusta plenissima. The very double flowers are of beautiful shape and measure about 4 inches across. This excellent novelty comes true from seed and is deserving of universal attention. No. 989, 20c. per pkt.

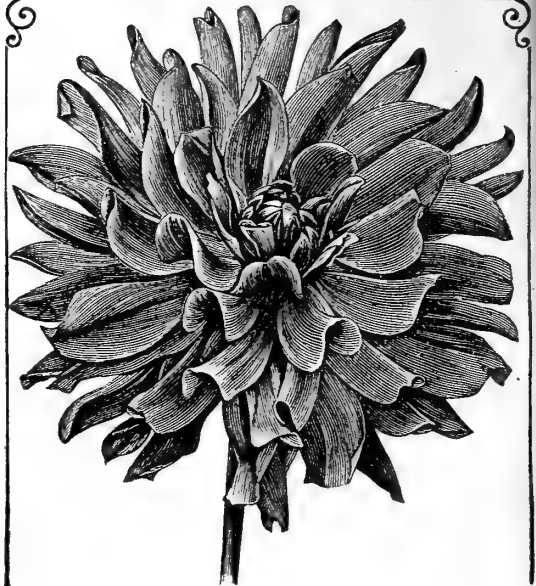
NOVELTIES IN DAHLIAS



VASE OF CLIFFORD W. BRUTON

New Pure Yellow Dahlia—Clifford W. Bruton. One of the most valuable varieties and the finest decorative Cactus Dahlia ever introduced. The flowers are large, 5 to 6 inches in diameter, and always full to the centre. The color is a solid pure yellow of the clearest richest shade. Unlike many other varieties there are no green centers, even when the buds are first expanding. The plant is a very vigorous grower and profuse bloomer, while the flowers are produced on long graceful stems, making them invaluable for vases and decorations (see illustration). Price strong clumps 50c. each, \$5.00 per doz. *Diploma and first prizes by American Institute and American Dahlia Society.*

NEWEST
DAHLIAS
NEWEST



HENRY F. MICHELL

Exquisite New Cactus Dahlia, Henry F. Michell. Of immense size, an entirely new combination of shades and new form (see illustration). It is almost impossible to describe the colors which range from soft yellow to deep orange red, the shades and tints blending with perfect harmony. A great acquisition. Price strong clumps, 50c. each, \$5.00 per doz.

New Fancy Dahlia—Apple Blossoms.

A superb new prize winning variety that combines all the shades found in apple blossoms; from red, pink and carmine, to pure white, as the season advances. The blending of the colors and tints are most delicate and pleasing. The plant is a strong vigorous grower of medium height, and a free and constant bloomer. Price, strong clumps 50c. each, \$5.00 per doz.

New Snow-White Pompon Dahlia—Snowclad.

The finest White Pompon to date; a strong, vigorous grower of dwarf branching habit, and such a profuse bloomer as to suggest the name; of perfect form, and always full to the centre. Awarded first prize everywhere. Price 30c. each, \$3.00 per doz.

OUR SPECIAL OFFER. One strong clump of each of the Seven Superb New prize-winning Dahlias on this page for \$2.25; or including copy of new book "The Dahlia" for \$2.50.



MISS MAY LOMAS



REV. C. W. BOLTON



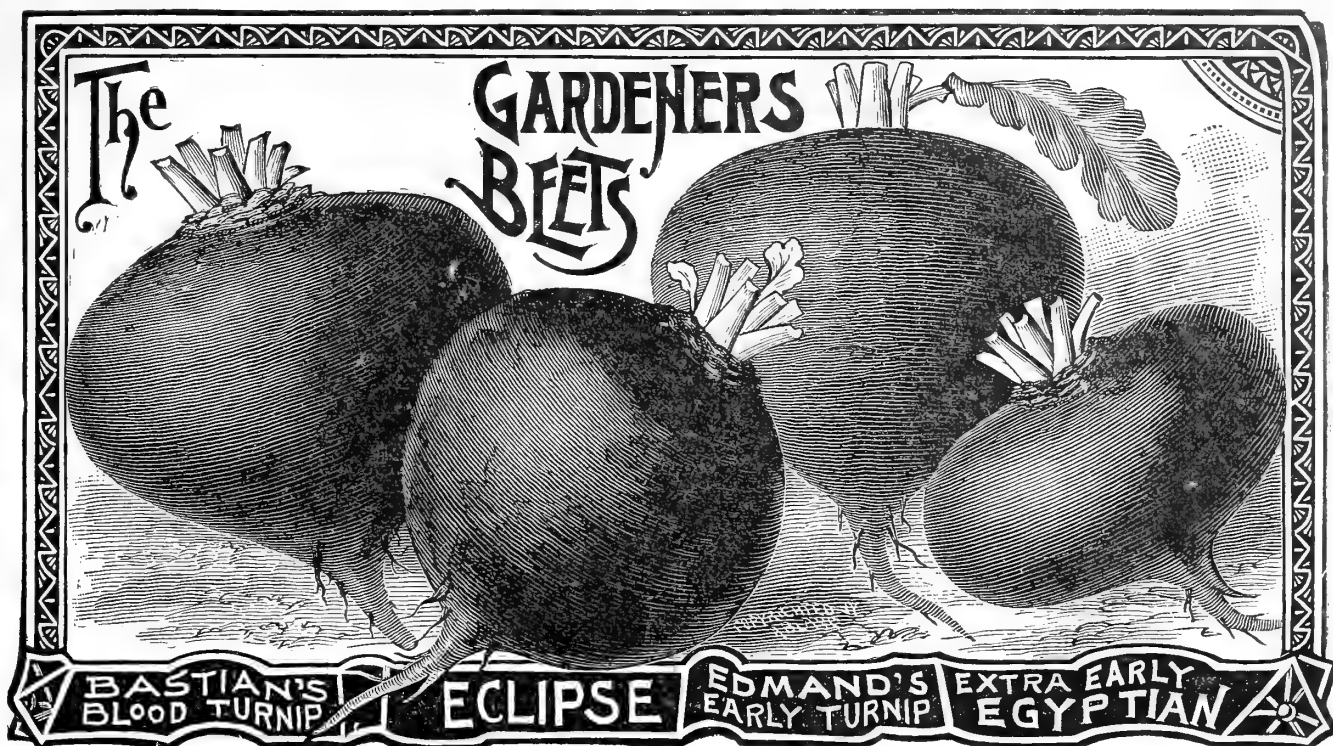
WM. AGNEW

Grand New Show Dahlia—Miss May Lomas (see illustration). A beautifully delicate variety of entirely distinct form, having very large shell-like petals of exquisite waxy finish. The color is charmingly lovely, being pure white, delicately suffused soft, rosy lavender; an unusual shade and excellent for cutting. Price 30c. each, \$3.00 per doz.

Superb New Fancy Dahlia—Rev. C. W. Bolton (see illustration). One of the finest for cutting or specimen plants; large salmon buff, penciled and spotted deep red. Semi-dwarf, free and constant bloomer; the plant is a model of this class, branching close to the ground and producing the large, fine shaped flowers on long stems. Price 30c. each, \$3.00 doz.

New Dazzling Red Dahlia—Wm. Agnew. (See illustration). The grandest red Cactus Dahlia ever produced and should be in every collection. The flowers are of enormous size, sometimes measuring more than seven inches in diameter; and perfectly double. They are of full chrysanthemum form, of exquisite quality and finish, while the color is the richest shade of intense dazzling red. Unlike most Cactus Dahlias it blooms as early and profusely as the best show Dahlias and continues a mass of blooms until killed down by frost. Diploma and first prize by American Institute at New York, and American Dahlia Society at Philadelphia. Price 30c. each, \$3.00 per doz.

RELIABLE, FRESH TESTED VEGETABLE SEEDS



Asparagus

Spargel (Ger.) Asperge (Fr.)

One ounce will sow forty feet of drill,
15 lbs. to the acre.

In early spring sow the seed, after soaking it twenty-four hours in warm water, in drills one foot apart, and one inch deep. The soil should be very rich and well worked. Later thin the plants to three or four inches apart in the rows and cultivate often thoroughly through the summer; transplant the following spring into permanent beds, deeply trenched and well mixed with decayed manure.

Canover's Colossal. The standard variety, of large size, tender and of excellent quality. Pkt. 5c., oz. 10c., 1 lb. 40c., 10 lbs. \$2.50.

Barr's Mammoth. Pkt. 5c., oz. 10c., 1 lb. 50c., 10 lbs. \$3.00.

Palmetto. An early, prolific and very desirable variety. Pkt. 5c., oz. 10c., 1 lb. 50c., 10 lbs. \$3.50.

Asparagus Roots

Two Year Old, Extra Healthy
and Strong Roots.

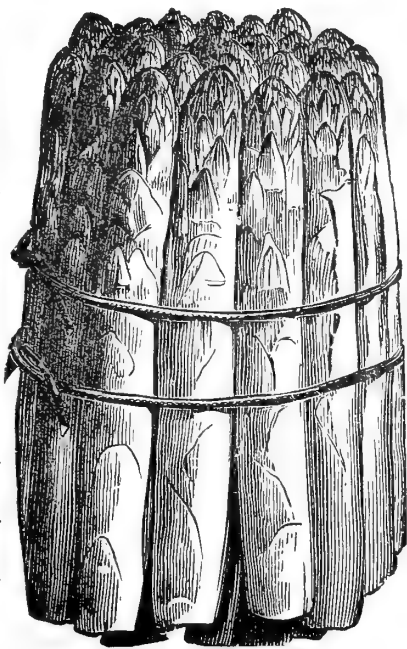
Plant two year old roots into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. Set the plants in rows from 3 to 4 feet apart and two feet in the rows, spreading out the roots, and cover gradually during the season to 6 or 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt at the rate of 600 lbs. an acre. Cut for use the second year after planting.

Palmetto or Eclipse. Per 100 80c., per 1000 \$5.00.

Columbian Mammoth White. Per 100 \$1.00, per 1000 \$6.00.

Conover's Colossal. Per 100 75c., per 1000, \$4.50, per 2000 \$8.00.

Barr's Mammoth. Per 100 80c., per 1000 \$5.00, 500 of one variety at 1000 rates.



Artichoke (Ger.) **ARTICHOKE** Artichaut (Fr.)

Green Globe. Pkt. 5c., oz. 30c.

Jerusalem Artichoke Roots. This variety is not produced from seed. They are sometimes used as a table vegetable when picked, but their greatest value is for feeding stock. Qt. 15c., pk. \$1.00, bush. \$3.00.

Runkel Rube (Ger.)

Beets

Betterave (Fr.)

One ounce will sow fifty feet of drill, 5 lbs. per acre.

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand six inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated.

Varieties for Table Use

Bastian's Extra Early Turnip. The best beet for the market gardener and family use; very early, of quick, large growth, fine turnip form and bright red color; a good forcing variety. Pkt. 5c., oz. 10c., 1 lb. 50c.

Crosby's Egyptian. An improved, perfectly smooth, Egyptian Beet. Much thicker than the original early, of better color and quality. Pkt. 5c., oz. 10c., 1/4 lb. 25c., 1 lb. 60c.

Carter's Excelsior. A variety of superior quality; color of flesh is perfect, being fine grained with smooth skin and small tops. Pkt. 5c., oz. 10c., 1/4 lb. 20c., 1 lb. 75c.

Arlington Favorite Blood Turnip. Extra early; exceedingly sweet, rich blood red. Pkt. 5c., oz. 15c., 1 lb. \$1.00.

Egyptian Turnip. Extra early. Pkt. 5c., oz. 10c., 1 lb., 50c., 5 lbs. for \$2.00.

Edmand's Blood Turnip. An early variety, possessing good qualities; flesh dark red, sweet and of good flavor. Pkt. 5c., oz. 10c., 1 lb. 50c., 5 lbs. \$2.00.

Eclipse. Remarkable for its rapid growth, extreme smallness of top and extra fine quality. Perfectly smooth and round, skin and flesh intense red. An excellent sort for forcing. Pkt. 5c., oz. 10c., 1 lb., 50c., 5 lbs. \$2.00.

Extra Early Bassano. A very early flat variety, tender, juicy, flesh white and rose colored. Pkt. 5c., oz. 10c., 1 lb. 50c.

Lentz Early Turnip. Pkt. 5c., oz. 10c., 1 lb. 50c., 5 lbs. \$2.00.

Bastian's Half-Long Blood. A valuable variety to follow Bastian's Extra Early; for winter use plant about the middle of July. Pkt. 5c., oz. 10c., 1 lb. 50c., 5 lbs. \$2.00.

Improved Long Blood. A good late variety for fall and winter use; sweet and tender. Pkt. 5c., oz. 10c., 1 lb. 50c.

Swiss Chard. Grown for its leaves only; the middle of the leaf is served like Asparagus; the other portions of the leaf are used like Spinach. Pkt. 5c., oz. 10c., 1/4 lb. 20c., 1 lb. 60c.

Sugar and Cattle Beets

Improved Imperial White Sugar. An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar. Lb. 40c. 10 lbs. \$3.00.

Lane's Improved White Sugar. This sugar attains a large size and grows considerably above the ground; fine for feeding. Oz. 5c., 1 lb. 30c., 10 lbs. \$2.50.

MANGEL-WURZEL. (See next page.)



23 lbs.

MICHELL'S Mammoth Long Red Mangel-Wurzel

We offer \$5.00 in 2 Prizes
for the best 6 Mangel-Wurzel Beets ex-
hibited at the Philadelphia Chrysanthem-
um Show in November, 1898.

BEET Mangel-Wurzel

Five pounds are sown to the acre.

Sow in April and May in thoroughly plowed, well-manured soil, in drills two inches deep and about eighteen inches apart. Thin out to twelve inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for mangel-wurzels.

Mammoth Long Red. This is an enormously productive variety, yielding from fifty to seventy tons to the acre, a single root often weighing from twenty to thirty pounds. It is the best long red mangel and very valuable for stock feeding. Oz., 5c., lb. 30c., 10 lb. lots, \$2.75.

Golden Tankard. The best yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. Oz. 5c., lb. 35c., 10 lb. lots, \$2.75.

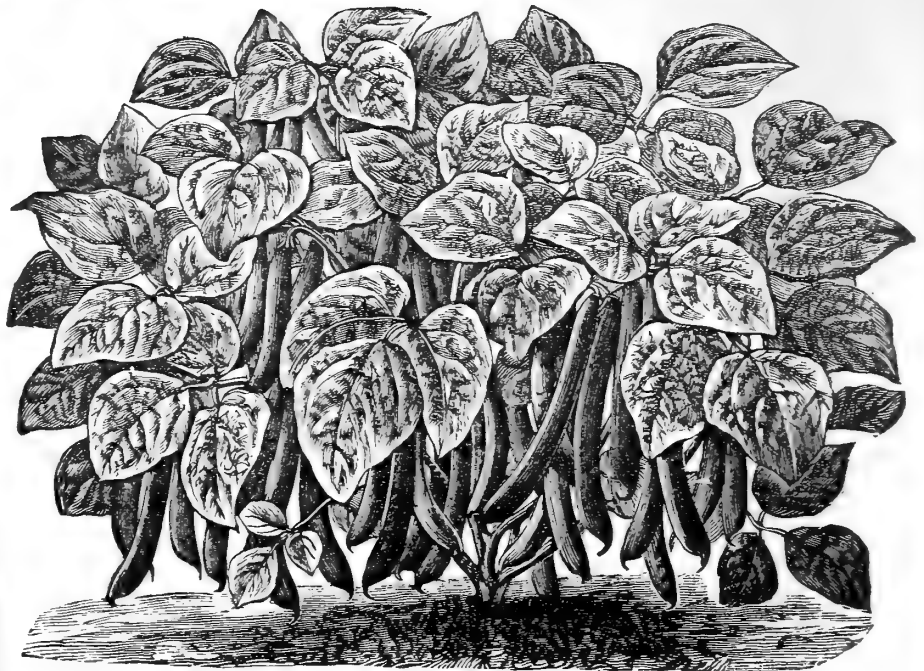
Red Globe. Oz. 5c., lb. 35c., 10 lb. lots, \$2.75.

Yellow Globe. Oz. 5c., lb. 35c., 10 lb. lots, \$2.75.

Norbiton Giant. Large, small top, one of the best long red varieties. Oz. 5c., lb. 35c., 10 lb. lots, \$2.75.

SPARGEL-KOHL (Ger.) BROCCOLI Chou Brocolis (Fr.)

Grange's Autumn White Cape. This is the best variety grown; can be grown where cauliflower is an uncertain crop. Pkt. 10c., oz. 40c., 1/4 lb. \$1.25, lb. \$4.00.



Bohne (Ger.) BEANS Haricot (Fr.) One quart will plant about 200 hills or a drill 100 feet long.

DWARF OR SNAP SHORT

Plant soon as danger from frost is past, in light, warm soil, in drills two inches deep and two feet apart, three inches apart in the drill, or in hills three or four feet apart. Avoid cultivating when wet with rain or dew, as it will injure the crop; hoe often when dry. Plant every two weeks for succession.

GREEN POD VARIETIES

Improved Extra Early Red Valentine. One of the very best sorts for private use or market. The pods are round, fleshy, tender and remain longer in a green state than most varieties. Good for pickling. Pkt. 10c., qt. 25c., pk. \$1.15, bush. \$4.00.

Best of All. The pods are six inches long, very fleshy, succulent, and of rich flavor; produced early and abundantly. It is one of the most valuable green-podded beans for family use. Pkt. 10c., pt. 15c., qt. 30c.

Early Mohawk. The hardiest of the early varieties, and will endure a slight frost. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

Early Long Yellow Six Weeks. A hardy and prolific variety, a good and reliable cropper. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

Boston Pea or Navy Bean. An excellent variety, very productive; for baking they excel all other sorts. Pkt. 10c., qt. 25c., pk. \$1.25.

White Kidney or Royal Dwarf. Pkt. 10c., qt. 20c., pk. \$1.00, bush. \$3.50.

White Marrowfat. Extensively grown for sale as a dry bean for winter use. excellent shelled, either green or dry. Pkt. 10c., qt. 20c., pk. \$1.00, bush. \$3.50.

Sion House (forcing). Qt. 50c.

Y E L L O W P O D O R W A X



HARDEST AND MOST PRODUCTIVE

WARDWELL'S EARLY KIDNEY WAY

One of the earliest of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, almost entirely free from rust and spots. The pods are long and very tender, stringless, of excellent quality. Pkt. 10c., qt. 30c., pk. \$1.25, bush. \$4.50.

BEANS, Wax or Yellow Pod—Continued.

Dwarf Golden Wax. (Rust Proof.) Very early and productive, of excellent quality, and entirely free from rust, besides being very crisp and tender and keeps longer than any other after picking, which renders it valuable for distant shipping. Pkt. 10c., qt. 25c., pk. \$1.25., bush. \$4.50.

Black or German Wax. Pkt. 10c., qt. 25c., pk. \$1.25.

White Wax. Pods delicate, waxy white, half transparent. Pkt. 10c., qt. 30c., pk. \$1.25.

Saddle-Back Wax. A cross between the Yosemite Wax and the Black-Eyed Wax, pod large, long, round, very solid and absolutely stringless; an excellent variety. Pkt. 10c., qt. 30c., pk. \$1.50.

Perfection Wax. For vigor of growth and immense productiveness it is scarcely equaled by any other Dwarf Wax Bean. The magnificent, large, golden-yellow pods are handsome, stringless, tender, and of very rich flavor. Pkt. 10c., qt. 30c., per peck \$1.50.

Roger's Lima Wax. Flat broad pods of rich quality. Pkt. 10c., 30c. per qt.

Pole Beans

Plant in hills four feet apart, six to eight beans to hill, eyes downward, afterward thin to three plants in a hill. Set poles eight to ten feet high before planting.

Early Golden Cluster Wax. Pods very tender, six to eight inches long, of large size, borne profusely in large clusters of three to six; beautiful golden-yellow color, which they retain long after being picked. Snaps easily, is stringless, cooks tender, delicious flavor. Pkt. 10c., qt. 40c.

Lazy Wife's. Pkt. 10c., 30c. per quart.

Horticultural or Speckled Cranberry. Pkt. 10c., pt. 15c., qt. 30c., pk. \$2.00.

Scarlet Runner. Pkt. 10c. qt. 30c.

English or Broad Windsor Beans

Used only as shelled beans. Plant in strong, heavy soil, in drills three feet apart and two inches deep. Pkt. 10c., qt. 30c.



Burpee's Bush Lima.

LIMA BEANS

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from 5 to 6 seeds are planted in each hill about two inches deep. Rough cedar or similar poles, about seven or eight feet long, should be used for Lima Beans to climb on. They should be set in the ground at least eighteen inches, so as to prevent being blown over.

Stangen Bohne (Ger.). Pole Varieties Haricots A Rames (Fr.).

One quart will plant 150 hills.

Ford's Mammoth Podded Large. The most valuable and prolific variety. Pods six to nine inches long; seed grown from original stock. Pkt. 10c., qt. 40c.

LIMA BEANS—Continued.

Michell's Selected Large Jersey.

Has proven exceedingly satisfactory; beans are very tender and luscious. An extra selection of seed stock; large fine beans, all hand-picked. Pkt. 10c., qt. 30c., pk. \$2.00.

King of the Garden. Vigorous grower, requiring but two vines to each pole, producing a continuous bloom and fruitage to extreme end of season. Pods are of enormous size, many specimens measuring from five to eight inches, producing as high as six beans to the pod, perfectly formed and of superior quality. Pkt. 10c., qt. 30c., pk. \$2.00, bush. \$7.00.

Siebert's Extra Early. The earliest pole lima. Very productive and tender. Pkt. 10c., pint 25c., qt. 50c., peck \$1.75.

Dreer's Improved. Earlier and more prolific than Large Lima; beans smaller, extra quality. Pkt. 10c., qt. 30c., pk. \$2.00.

Extra Early Jersey. Pkt. 10c., qt. 35c., pk. \$2.00.

Small Lima or Sieva. Pkt. 10c., qt. 30c., pk. \$1.75.

Horticultural Lima. A new variety of the highest merit. It is a cross between Dreer's Pole Lima and Dwarf Horticultural, combining the excellent quality of the Dreer Lima with the earliness, hardness and flavor of the Horticultural, being fully three weeks earlier than any other Lima. Pkt. 10c., pt. 15c., qt. 30c., pk. \$2.00.

Early Black Lima. Pkt. 10c., qt. 40c.

Dwarf or Bush Lima

Dreer's Bush Lima. A splendid variety. Pkt. 10c., pt. 20c., qt. 40c., pk. \$2.50.

Henderson's Bush Lima. The earliest of all Limas. Pkt. 10c., qt. 30c.

Burpee's Bush Lima. The only bush form of the true Large Lima Bean, comes absolutely true from seed. Pkt. 10c., pt. 20c., qt. 40c. 2 qts. 75c.



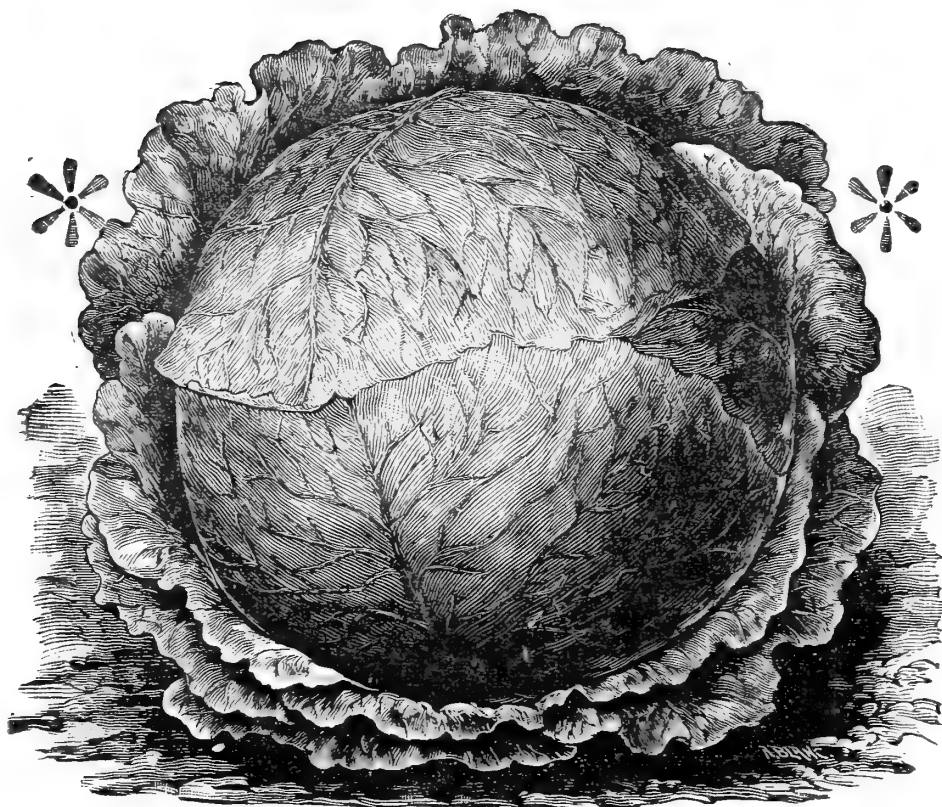
Michell's Selected Large Jersey Lima.

Brussels Sprouts

Brusseler Sprossen (Ger.).
Chou De Bruxelles (Fr.).

Produces small heads from side of stalk, which are in perfection for use in autumn after early frosts. Sow in May, transplant in June one foot apart each way and cultivate like winter cabbage. A most delicious vegetable very easily grown.

Matchless Improved.
The very best strain. Pkt. 5c., oz. 20c., 1/4 lb. 50c.



Extra Selected Late Flat Dutch Cabbage.

Cabbage

Kopfkohl (Ger.).

Chou Pomme ou Cabus (Fr.).

One ounce will produce about 2000 plants. Our Cabbage seed is all grown from selected heads only, by a specialist on Long Island.

The requirements for a good crop are rich soil, deep plowing, high manuring and good seed. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground is the custom. Set the plants in rows two feet apart, and 12 to 18 inches apart in the row. For second early sow in April and transplant in May. For late crop sow in May and transplant in July, setting plants in rows three feet apart and two feet in rows.

Early Jersey Wakefield. A favorite market gardeners' variety, very early, following the Oxheart, of good size and quality and always sure to head; extra fine selected stock, Pkt. 10c., oz. 25c., lb. \$2.00.

Large Early York. A good old standard variety. Pkt. 5c., oz. 20c., lb. \$1.50.

Large Jersey Wakefield. Selected, large solid heads, of good quality, about one week later than Early Jersey Wakefield. Pkt. 10 cts., oz. 25 cts., lb. \$2.50.

Early Winningstadt. A solid tender variety, good for either early or late. Pkt. 5c., oz. 20c., lb. \$2.00.

All Head Early. Large and solid and always certain to make hard heads. Pkt. 10c., oz. 20c., ¼ lb. 75c.

Henderson's Early Summer. A second early variety, with large solid heads, coming in a few days later than the Wakefield. Pkt. 10c., oz. 25c., lb. \$2.00.

Early Drumhead. A second early, large, solid, flat-heading variety. Pkt. 10c., oz. 30c., lb. \$3.00.

All Seasons Selected. A new drumhead variety, producing good sized heads, of superior richness of flavor, desirable either for early spring or fall use; a good winter keeper. Pkt. 5c., oz. 20c., lb. \$2.00.

Extra Selected Late Flat Dutch. The favorite Philadelphia winter market variety, short stem and large solid flat heads; superior stock. Pkt. 5c., oz. 20c., lb. \$1.50.

Large Late Drumhead. A favorite winter variety with market gardeners; extra large solid heads. Pkt. 5c., oz. 20c., lb. \$1.50.

Perfection Curled Drumhead Savoy. The largest solid heading curled sort, of excellent flavor. Pkt. 5c., oz. 25c., lb. \$2.00.

Early Green Curled Savoy. Pkt. 5c., oz. 25c.

Red Dutch Drumhead. A large red-heading variety for pickling. Pkt. 5c., oz. 20c., lb. \$2.00.

We offer \$5.00 in Two Prizes for the best Six Heads of Cabbage exhibited at the Philadelphia Chrysanthemum Show in Nov. 1898.

Cabbage Plants

Early Sorts. All the leading varieties ready April 1st. 100 40c., 1000 \$3.00.

Late Sorts. Ready July 1st. 100 30c., 1000 \$2.00.

SPECIAL PRICES ON LARGE QUANTITIES.

Carrot

Mohre (Ger.).

Carotte (Fr.).

One ounce to 100 feet of drill, three pounds to the acre.

A light sandy loam, well tilled and manured the previous year best suits the carrot; for early crops sow as early as the ground can be worked, in drills ten inches apart, and thin to five inches in the row.

Very Early Short-Horn Scarlet or French Forcing.

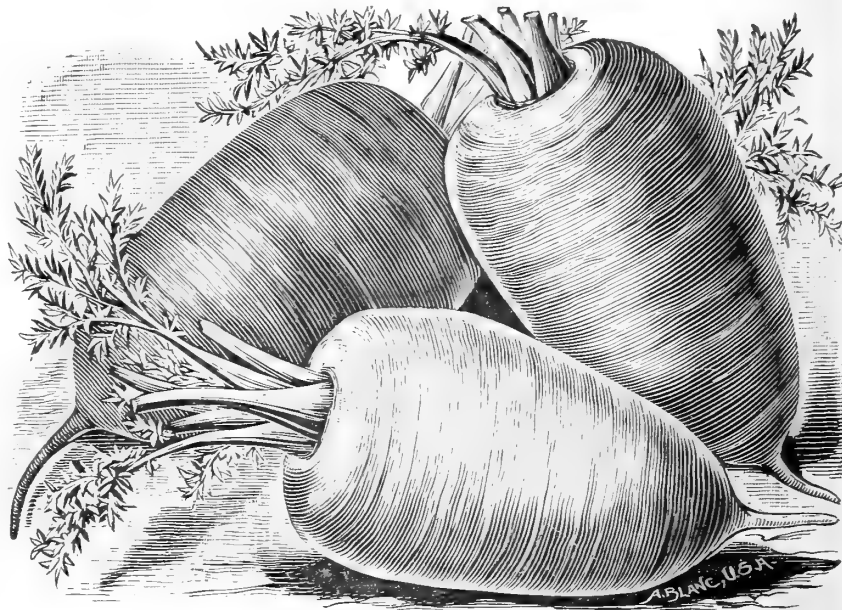
An early forcing variety; small root and excellent flavor. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.

Early Scarlet Horn. The favorite early red variety, fine grained and good flavor. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c.

Early Half-Long Scarlet. A very desirable pointed-root variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c.

Danvers Half-Long. The best variety for general crop; is of rich orange color, a very heavy yielder and splendid keeper; a first-class Carrot for all soils, and valuable both for table use and stock. We have an extra fine strain of seed of this favorite sort. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c.

New Rubicon Half-Long. An entirely distinct Carrot. It is the best in shape, and its deep red orange-colored flesh is the finest in quality of all. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing, for growing outside at any season of the year, being a wonderfully heavy cropper on any kind of soil. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.



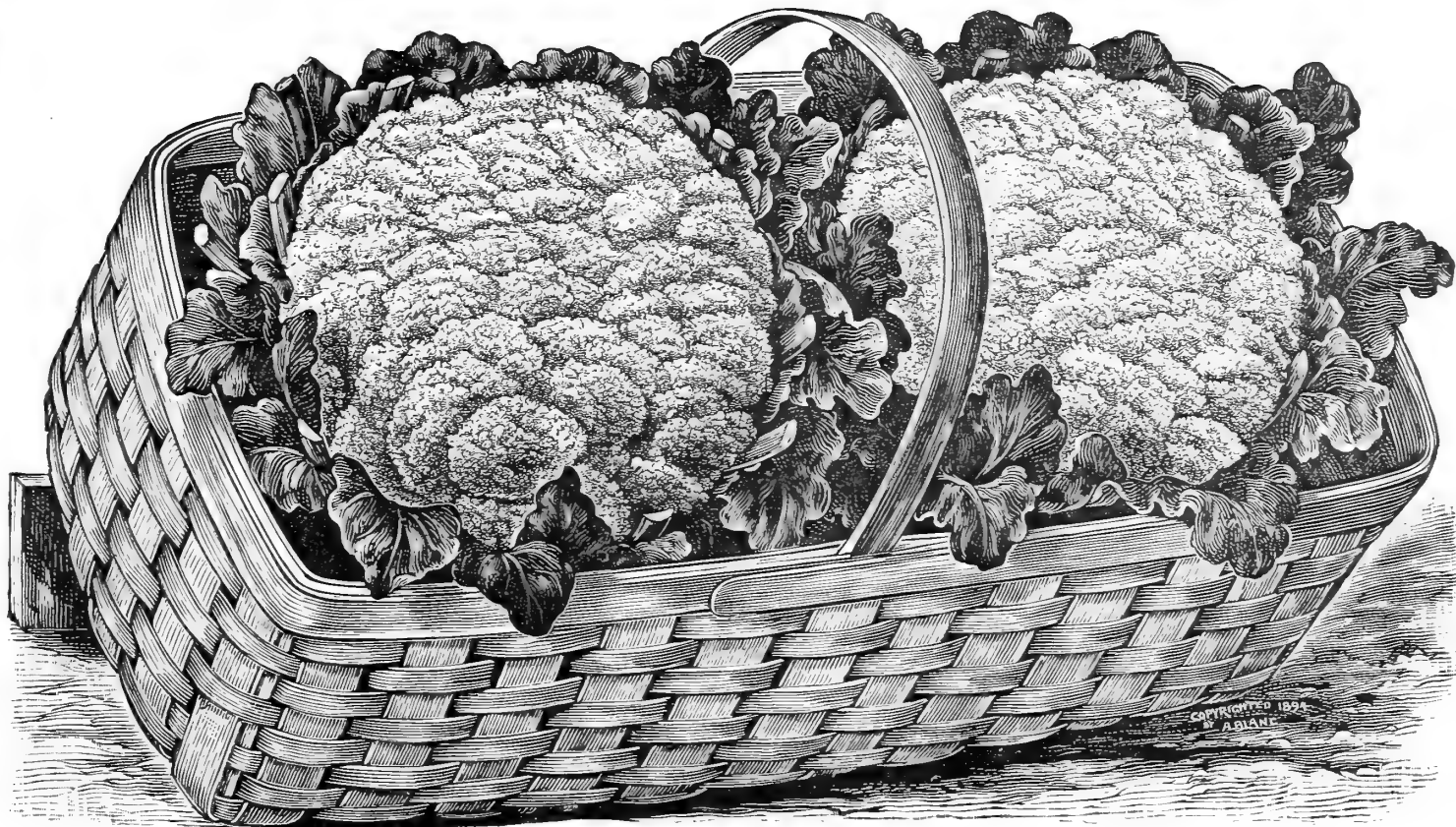
Guerande or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over five or six inches long. It frequently grows as thick as long, thus making it really as large as the longer sorts. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c.

Chantenay Half-Long. Resembles the Nantes; very productive. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c.

Nichol's Improved Long Orange. Deep orange color, good flavor, yields heavily; is of excellent table quality, and is also the best for stock. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c., 5 lb. lots 60c. lb.

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Michell's Special Strain Selected Erfurt Cauliflower.

We offer \$5.00 in Two Prizes for the best Three Heads of Cauliflower exhibited at the Philadelphia Chrysanthemum Show in November, 1898.

CAULIFLOWER

Blumen-Kohl (Ger.).

Chou-Fleur (Fr.).

One ounce produces about 1500 plants.

Sow for early use about the middle of September or October, in a bed of rich earth, transplant in frames and cover with sashes and shutters during severe weather, giving them the light and air every mild day, or they may be had nearly as well by sowing the seed in a hotbed in January or February; when the plants are large enough, transplant three inches apart in boxes or in other hotbed until time to plant out; if hardened off, they are seldom injured by planting out as early as ground can be properly prepared, two and a half feet apart each way; keep well hoed, and bring earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head.

Michell's Special Strain, Selected Erfurt. One of the earliest in cultivation, small-leaved dwarf, for forcing or open ground, producing very solid, pure white heads of the finest quality; ordinary seasons every plant will produce a marketable head. Pkt. 20c., 3 pkts. 50c., oz. \$2.50.

Earliest Snow Storm. Earliest and best for forcing; dwarf, with short outer leaves, can be planted two feet apart each way; sure to make large fine heads; must be kept growing constantly, will not stand a check at any period of its growth. Pkt. 25c., oz. \$5.00.

Early Snowball. A splendid early dwarf variety, producing magnificent white heads. Pkt. 20c., oz. \$3.00.

Half Early Paris. A popular, white, sure heading variety, good for early or late use. Pkt. 10c., oz. 50c.

Lenormand's Short Stem. A large, late short-stemmed variety, with well formed white heads. Pkt. 10c., oz. 50c.

Veitch's Autumn Giant. One of the finest late varieties of robust habit, heads large, compact. Pkt. 10c., oz. 50c.

Cauliflower, New Belgian "Eclipse"

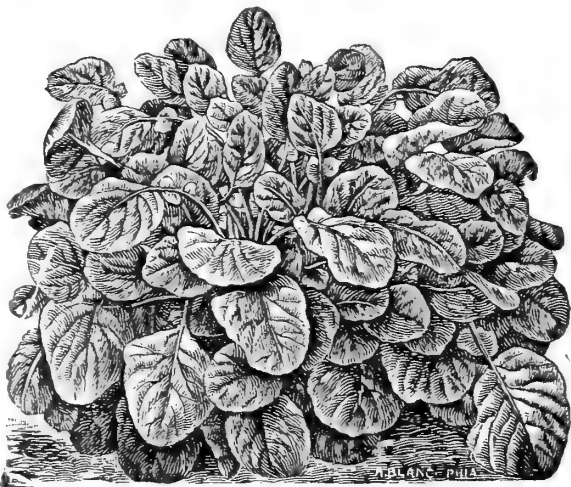
Pronounced to be the best sort for outdoor growing. Pkt. 25c., 5 pkts. \$1.00.

CAULIFLOWER PLANTS.

Best varieties ready April 1st. Hotbed grown. Doz. 25c., 100 \$1.25

CARDOON.

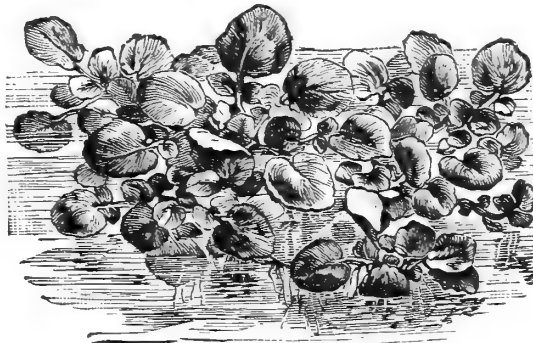
The midribs are the edible parts, desirable for soups or stews, after being blanched in the same manner as celery. Sow in April in drills one inch deep; when one year old, transplant in trenches of well manured ground three feet apart and one foot in the rows. The roots remain from year to year. Pkt. 10c., oz. 40c.



Kresse (Ger.). **CRESS** Cresson (Fr.).

Sow thickly in early spring in drills one foot apart, and follow every two weeks with a new sowing as it quickly runs to seed. Water-cress should be sown along the margin of ditches, ponds, or better still, of slow running streams. It requires no care except to free it at first from weeds.

Extra Curled or Pepper Grass. Fine flavor, can be cut several times. Pkt. 5c., oz. 10c., lb. 50c. **Upland Cress.** Perennial, grown in the same manner as spinach; resembles water-cress in flavor. Pkt. 10c., oz. 50c.



Water Cress.



Corn Salad.

Brunnenkresse (Ger.). WATER-CRESS Cresson de Fontaine (Fr.). The pleasant and peculiar flavor of the water-cress, and also the hygienic properties have caused it to be highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresh, pure water; it is not even necessary it should be running water; it can be renewed often

enough to keep it clean and pure. It can be grown without water even, in tubs half filled with good soil and kept in a moist, shady position with an occasional watering. **True Erfurt.** Pkt. 10c., oz. 40c., lb. \$3.50.

Acker Salat (Ger.). CORN SALAD Mache (Fr.). For early spring use sow the seed in September thickly in drills quarter-inch deep. Protect with litter when cold weather comes and winter over like spinach. One ounce will sow 35 feet of row. **Large Round Leaved.** Pkt. 5c., oz. 10c., lb. 50c.

CHICORY

Large Rooted. Pkt. 5c., oz. 10c., 1/4 lb. 25c., lb. 80c.

Gartenkerbel (Ger.). CHERVIL Cerfeuil (Fr.).
Curled or Doubled. Pkt. 5c., oz. 15c., lb. \$2.00.



Celery

Sellerie (Ger.).

Celeri (Fr.).

One ounce of seed will produce about 2000 plants.

Sow the seed late in March, or early in April, on fine, well-worked soil. Cover slightly, or better still, roll or press it. Shade the young plants for a week or ten days, and do not let the soil dry out. Cut them once or twice before setting out to make them stocky. When from four to six inches high transplant into broad shallow trenches or to level ground, setting dwarf sorts in rows three feet apart, and tall sorts four feet apart, six inches apart in the rows. To store for winter use select well drained ground, dig trenches one foot wide and deep enough to cover tops of plants. Pack stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Smith's Perfection Half Dwarf. This extra strain is the finest for private or market gardeners. Very large and solid, with a full golden heart; when matured the heart bursts through the outer stalks, and is of a nutty flavor. The very best late keeper. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 80c., lb. \$3.00.

Perle Le Grand. Its beautiful, full golden heart and rich nutty flavor are unapproached by any other variety. It is not only a good early celery, being among the first fit to use, but surpasses all others as a winter keeper. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Carter's Ivory. Rich nutty flavor. Pkt. 10c., oz. 30c.

Improved Dwarf Golden Heart. Heart large and full, of a golden yellow, excellent for either market or private use; solid, of excellent flavor, and keeps well. Pkt. 5c., oz. 20c., lb. \$2.00.

Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Boston Market. A short, bushy, white, solid, excellent flavored variety, constantly in demand. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

White Plume, Improved. (True Stock.) The best for early use, crisp, solid, nutty flavor. Pkt. 10c., oz. 25c., lb. \$3.00.

Dilks' Many-Hearted. Very distinct in appearance. Four stalks in a bunch weigh thirteen pounds, a splendid keeper and seller, especially adapted to light or poor ground where other varieties could not be grown. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Golden Self-Blanching. Compact, large, solid, crisp, and of a nutty flavor, with a rich golden heart. Pkt. 10c., oz. 30c., lb. \$3.50.

Self Blanching Paris Pink. The very best pink variety yet introduced. Its quality is very highly praised by celery growers and has given universal satisfaction. Pkt. 15c., oz. 50c., $\frac{1}{4}$ lb. \$1.50

Red Solid or Rose. Pkt. 5c., oz. 25c.

Henderson's "Pink Plume." Very solid and crisp, extra early and a long keeper. A self-blanching variety, and requires but a slight earthing-up or banking. Pkt. 10c., oz. 30c.,

Heartwell Perfection. Pkt. 5c., oz. 20c., lb. \$2.00.

Celeriac, or Turnip-Rooted. Large, early Erfurt variety. The root cooked or sliced and used with vinegar, makes an excellent salad. Pkt. 5c., oz. 20c., lb. \$2.00.

Soup or Flavoring Celery. Used for soups, stews, etc., and not for sowing. Oz. 5c., lb. 30c.

CELERY PLANTS

All the leading sorts ready July 1st. Per 100, 50c., 1000, \$3.50

We offer \$5.00 in 2 Prizes for the best 6 Stalks of Celery of any named variety or varieties exhibited at the Philadelphia Chrysanthemum Show in November, 1898.

Cucumber

Gurke (Ger.).

Concombre (Fr.).

One ounce of seed will plant about fifty hills, or two pounds per acre.

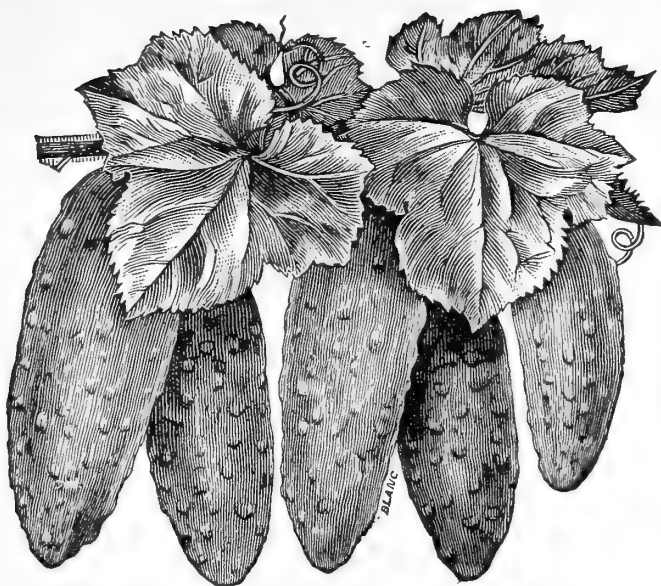
For early use sow in hothouse on small sods overturned, or in small pots plunged in earth. As soon as danger from frost is over, transplant with sod, so as not to disturb the plants, into hills in the open ground. For general crop sow from about the first to the middle of May in rich, mellow, warm soil. Use a shovelful of well-rotted manure in each hill and cover it two inches deep with fine earth. On this sow the seed, about eight or ten seeds to a hill; cover one-half inch with earth and press down. When danger from bugs is past thin out to four plants to a hill. For pickles, plant from June to middle of July.

Livingston's Evergreen. Very hardy and probably the most prolific of all varieties. Very early, and the cucumbers retain their beautiful green color longer than any other sort. It is one of the very best varieties for slicing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Early Russian. The earliest variety; the fruit is of small size and produced in pairs. Pkt. 5c., oz. 10c. lb. 75c.

Early Frame. A good old popular variety, of medium size. Pkt. 5c., oz. 10c., lb. 75c.

[CUCUMBER continued on next page.]



CUCUMBER—Continued

Livingston's Emerald (New). A new and most excellent rich green variety, either for outdoor culture or for growing under glass. Pkt. 10c., 3 pkts. for 25c.

Improved Early White-spined. The favorite market variety, largely used for forcing, and extensively grown South for shipping North early in the season; of medium large size, deep green, crisp, fine flavor, and very productive. Pkt. 5c., oz. 10c., lb. 60c.

Everbearing. Pkt. 5c., oz. 10c., lb. 60c.

Tailby's Hybrid. A variety hybridized with the White-spined and English prize, retaining the beauty of the Long English and hardness of the White-spined; of large size and excellent for slicing; splendid forcing variety. Pkt. 5c., oz. 10c., lb. 75c.

Jersey Pickle or Green Prolific. One of the best pickling varieties; dark green, tender, crisp, and great productiveness, of fine flavor, and good for table use. Pkt. 5c., oz. 10c., lb. 60c.

Long Green Turkey. The leading long green variety for pickling; of excellent quality and productiveness, fruit dark green, firm and crisp; can be gathered any size while young for pickles. Pkt. 5c., oz. 10c., lb. 60c.

Small Gherkin or Burr. Also known as the West India or Jerusalem Pickle; used only for pickling while young and tender. Pkt. 5c., oz. 20c., lb. \$1.00.

ENGLISH PRIZE FORCING CUCUMBER

Sow the seeds in small pots about the middle of January; when they have grown to three leaves plant in a prepared hill of rich, loose soil in the centre of a sash.

We offer \$5.00 in Two Prizes for the best Three Hot-house Cucumbers exhibited at the Philadelphia Crysanthemum Show in November, 1898.

Blue Gown.
Pearson's Long Gun.
Telegraph.

Tender and True.
Slon House Improved.
Marquis of Lorne.

Any of above at 20c. per pkt.

Rochford's Market Garden.—A most valuable variety, considered to be one of the very best. Pkt. 25c.

"Ideal".—A cross between Noah's Forcing and Prescott's Wonder, a most prolific and reliable variety. 25c. per pkt.

CORN.—Field Varieties.

Early Yellow Canada, or Flint. Qt. 15c., bush. \$1.50.

Cloud's Early Yellow Dent. Qt. 15c., bush. \$1.50.

Chester County Mammoth. Qt. 15c., pk. 50c., bush. \$1.50.

The 100-Day Bristol. The largest eared, earliest Yellow Dent corn in cultivation. Qt. 20c., pk. 50c., bush. \$1.50.

Golden Beauty, Improved. The best and most productive, having extra large, broad golden grains and good sized ear. Qt. 15c., bush. \$1.35.

Leaming Early Dent. Qt. 15c., bush. \$1.40.

Hickory King. A White Dent Field Corn. The stalks are strong and bear two and occasionally three ears; the cob is remarkably small. Very productive. Qt. 15c., pk. 50c., bush. \$1.75.

Blount's Prolific White Ensilage. This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive, and is also considered the best variety for making ensilage. Qt. 15c., pk. 50c., bush. \$1.50.

Pop Corn.

Golden Queen. Lb. 10c., 3 lbs., 25c., 100 lbs. \$5.00.

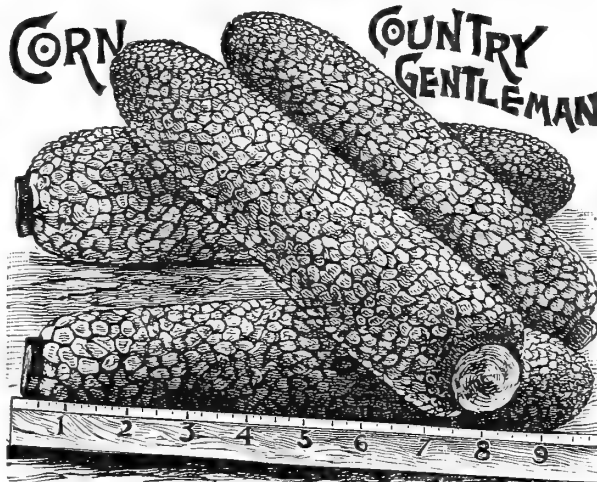
White Rice. Lb. 10c., 3 lbs. 25c., 100 lbs. \$5.00.

SWEET OR SUGAR CORN

Zuckerkorn (Ger.).

One quart will plant 100 hills, 8 quarts to the acre.

Mais. (Fr.).



Make the first planting about May 1st, and sow every two weeks thereafter until the middle of July for succession. Plant in hills from three to four feet apart according to size or variety.

Our Sugar Corn is grown by the most reliable grower in the Connecticut Valley and can be relied on.

Improved First of All. The very earliest sweet corn. Pkt. 5c., qt. 20c., pk. \$1.00.

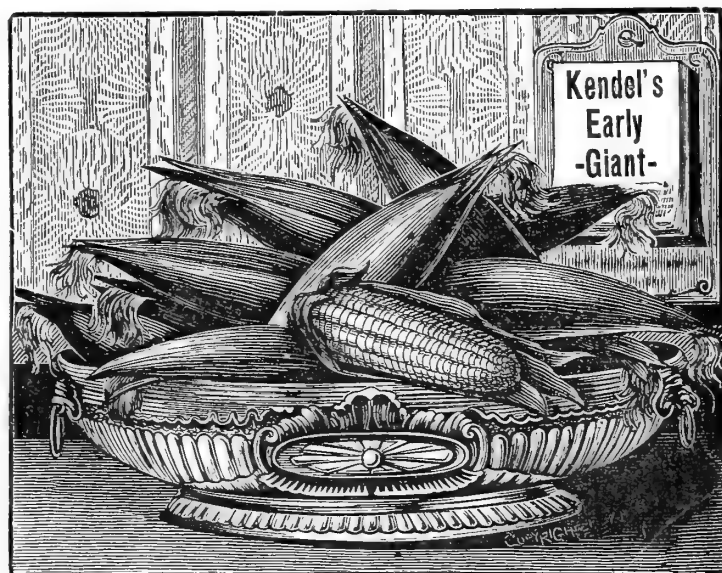
Michell's Delicious. Unrivalled in flavor and sweetness. Pkt. 10c., qt. 20c., pk. 35c.

Adam's Extra Early. The earliest variety for table use. Pkt. 5c., qt. 15c., pk. 80c., bu. \$3.00.

Crosby's Extra Early. A favorite variety, very early, productive, ears rather short and of a rich sugary flavor. Pkt. 5c., qt. 20c., pk. 80c.

New England, or Early Eight-rowed. Qt. 20c., pk. 80c.

Stabler's Extra Early. Of larger size than usual for the early kinds; fine flavor. Pkt. 5c., qt. 20c., pk. 80c.



Kendel's Early Giant Sweet. We can especially recommend this extra early variety as it produces a PERFECT good sized ear, which is of very sweet flavor. Per qt. 30c., 4 qts. \$1.00.

Early Mammoth. Qt. 20c., pk. 80c.

Squantum. An excellent early variety of the finest quality for table, fine large ears and deep grain. Qt. 20c., pk. \$1.00.

Triumph. Ear large, productive, flavor rich and sweet; a fine market variety. Pkt. 5c., qt. 20c., peck 80c.

Little Gem, or Shoe Peg. Pkt. 5c., qt. 20c., peck \$1.00.

Black Mexican. Pkt. 5c., qt. 20c., peck 80c.

Stabler's Nonpareil. The second best early corn. It has the most desirable qualities of any sweet corn, yields large ears, delicious flavor. Pkt. 5c., qt. 20c., peck 80c.

Country Gentleman. Will delight the most fastidious epicure, retaining its delicate tenderness and flavor even when a little old. The ears are not only of good size, but are produced in great abundance frequently bearing four good ears, while the average is three good ears to the stalk. The cob is very small, giving great depth to the kernels, but the great merit is its delicious quality. Pkt. 5c., qt. 20c., 4 qts. 70c.

Roslyn Hybrid. A medium late variety will yield a heavy crop, producing a large ear, very sweet and delicious. Ear 10c., pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.00.

Egyptian. A fine large variety somewhat resembling the Evergreen; flavor peculiarly rich and sweet. Qt. 20c.

Mammoth Sugar. The largest late sort, very productive, of fine flavor. Pkt. 5c., qt. 20c., pk. 80c., bush. \$3.00.

Stowell's Evergreen. One of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety. Pkt. 5c., qt. 20c., pk. 80c., bush. \$3.00.

Dandelion

The seed should be sown early in the spring in drills twelve inches apart, about one-quarter of an inch deep, thin out to six inches in the drills; the following spring it will be fit for use.

Thick-Leaved or Cabbaging. This variety is double the size of the common. Pkt. 10c., oz. 40c., lb. \$2.50.

Endivien (Ger.) **Endive** Chicoree Endive (Fr.).

Sow one ounce for fifty feet.

For early use sow about the middle of April; but for the main crop in June or July in shallow drills; when two or three inches high transplant to one foot each way; when full grown blanch the inner leaves by tying up the outer ones at the top, but tie up only when the leaves are dry; keeps only a short time after blanching.

Improved Green Curled. An improvement on the old Green Curled variety. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

White Curled (self-blanching). This is the finest White Curled variety, grows to a large size, always crisp and very tender. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Broad-Leaved Batavian. Leaves broad, light green, nearly plain; used in stews and soups. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Giant Fringed (Oyster Endive). A strong growing variety with a large white heart and broad stems; good for fall and winter. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Knoblauch (Ger.) **Garlic Sets** Ail (Fr.).

Per lb. 30c.

Hop Vine Roots

Ready in April. Per doz. 50c., per 100 \$2.50.

Herbs

Anise Seed. Pkt. 5c., oz. 10c.

Borage. For bees. Pkt. 5c., oz. 15c.

Caraway. Perennial. Pkt. 5c., oz. 10c.

Coriander. Pkt. 5c., oz. 10c. [lb. 60c.

Dill. Pkt. 5c., oz. 10c., lb. 75c.

Fennel. Perennial. Pkt. 5c.

Hop. Perennial. Pkt. 10c.

Horehound. Perennial. Pkt. 5c., oz. 30c.

Lavender. Perennial. Pkt. 5c., oz. 20c.

Pot Marigold. Pkt. 5c.

Rosemary. Perennial. Pkt. 5c., oz. 30c.

Saffron. Pkt. 5c., oz. 15c.

Sage. Pkt. 5c., oz. 15c., lb. \$1.50.

Summer Savory. Pkt. 5c., oz. 15c., lb. \$2.00.

Sweet Basil. Pkt. 5c., oz. 20c., lb. \$2.00.

Sweet Marjoram. Pkt. 5c., oz. 20c., lb. \$2.00.

Thyme. Perennial. Pkt. 5c., oz. 30., lb. \$3.50.

Wormwood. Perennial. Pkt. 5c., oz. 30c.



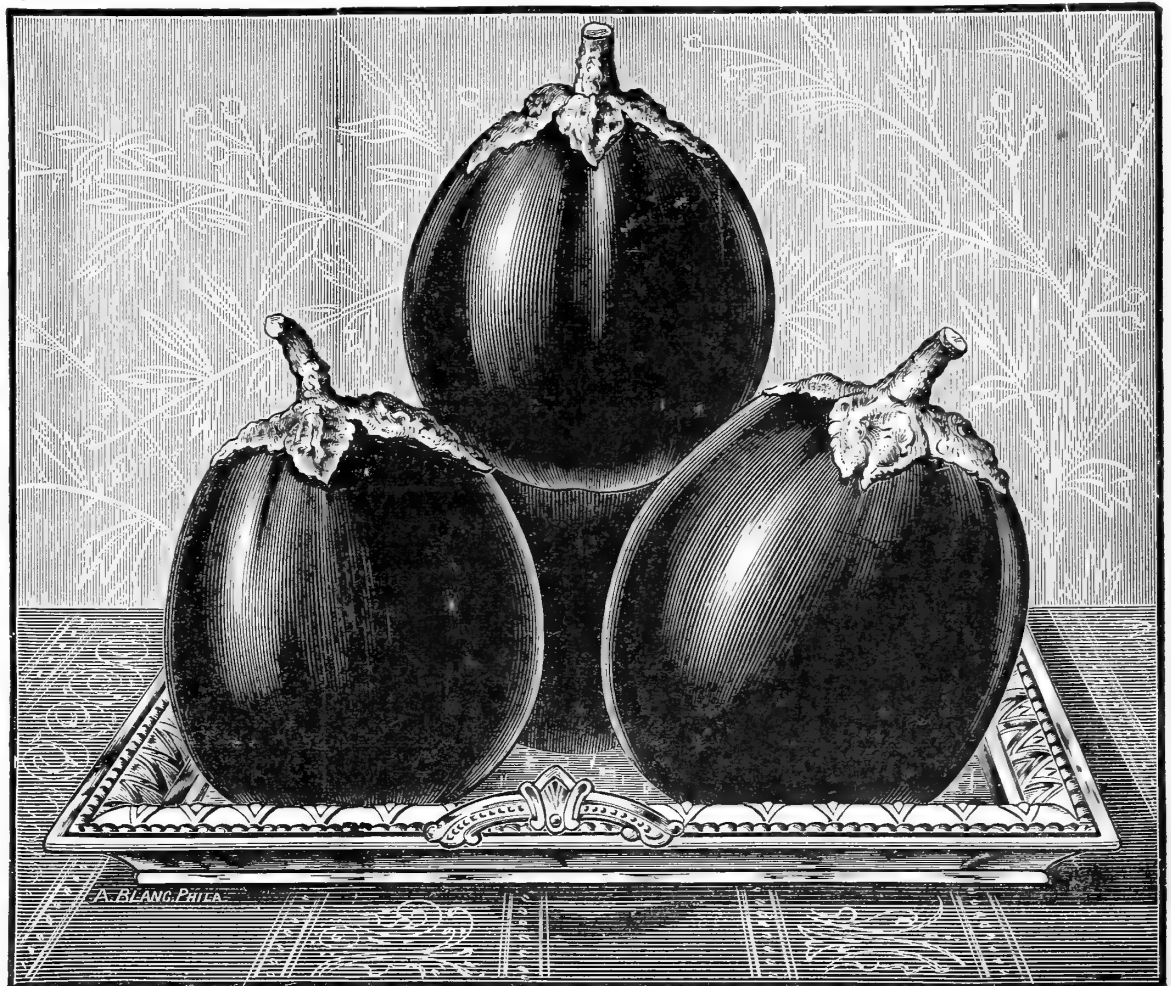
Horse Radish.

Horse Radish Roots

Extra strong roots will produce large size radish the first season, Per doz. 15c., per 100 50c., per 1000 \$4.00.

Chives. Strong clumps 10c. each, \$1.00 per doz.

Michell's Selected New York Improved



Michell's Selected Stock New York Improved Large Purple Egg Plant.

Eierpflanze (Ger.).

Egg Plant

Aubergine (Fr.).

One ounce of seed will produce about 1000 plants. Grown by a specialist in New Jersey.

Sow the seed in a hotbed in March or April, when about three inches high pot the plants and plunge in earth; transplant in open ground in May or June according to the warmth of the season. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. Set out according to richness of soil, two or three feet apart each way.

Michell's New York Improved Large Purple. The leading variety; large, round, dark purple, most productive variety. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c.

Early Long Purple. The earliest and hardiest, very productive. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Black Pekin. Pkt. 10c., oz. 30c.

Egg Plants

Ready May 15th.

New York Improved. True and pure. Pot grown per doz. 60c.; hotbed grown, per doz. 30c.; per 100, \$2.00.

Winter Kohl (Ger.) Kale or Borecole Chou-Verts (Fr.).

They are more hardy than cabbage, and are improved by frost, but the time and manner of sowing, and the culture are identical with cabbage.

Dwarf Green Curled. Very hardy, leaves numerous, frilled and of excellent quality. Pkt. 5c., oz. 10c., ¼ lb. 20, lb. 75c.

New Imperial, or Long Standing. A beautiful curled and crimped sort, selected by a Philadelphia market gardener; of strong, vigorous habit, perfectly hardy, bright green color and very attractive in appearance. It is superior to all other sorts, and will stand longer without shooting to seed than any other variety. Height about two feet. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Tall Purple Scotch. Finely curled, one of the best sorts. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.

Knoll Kohl (Ger.) Kohl=Rabi Chou-Raves (Fr.).

For early use sow in hotbed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July in rows, eighteen inches apart, thin out to eight inches in the row.

Early White Vienna. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

Early Purple Vienna. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

Martynia

Proboscidea. The seed pods are used to a considerable extent for pickling when gathered green and tender. Sow in the open ground in May, and transplant two feet apart. Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.



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Lattich (Ger.) Lettuce Laitue (Fr.).

One ounce for 150 feet of drill, or 1000 plants.

Lettuce thrives best in rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early cabbage; set the plants out early in April, or sow the seed in hotbeds in February or March, and transplant to a southern exposure. Always thin out well or the plants will not head. When wanted as a cut salad sow the seed thickly in rows or broadcast.

We offer \$5.00 in Two Prizes for the best Six Heads of Lettuce exhibited at the Philadelphia Chrysanthemum Show, Nov. 1898.

Asparagus Lettuce. Of the Paris Cos. type, the midribs are prepared and served up in the same manner as Asparagus. Pkt. 10c., oz. 25c.

Big Boston. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A most desirable variety either for forcing in cold frames or open ground planting. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

Black Seeded Simpson. Produces a compact mass of leaves, nearly double the size of the ordinary Simpson, standing well the summer heat. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

Boston Market. White seed. Hardy and crisp; earliest heading variety; one of the best for forcing. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.50.

LETTUCE—Continued.

California Cream Butter. Most refreshing in appearance and particularly rich and buttery to the taste. The heads are of good size. It is medium early and one of the best summer varieties. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

Defiance. One of the very best Lettuces. Of fine quality, crisp and tender, and remains in prime condition a long time before going to seed. Pkt. 5c., oz. 15c., ¼ lb. 40c.

Denver Market Forcing. A very good curled sort, produces good size, solid heads. Pkt. 5c., oz. 15c., lb. \$1.25.

Early Cabbage or White Butter. A favorite for sowing in the spring or fall, nearly hardy, requires only a slight protection; produces fine well-formed heads. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.00.

Early Curled Simpson. Does not head, but forms a close, compact mass of leaves; very early, excellent for forcing. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

Early Tennisball. Black seed. Forms a close, hard head, the best forcing sort. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

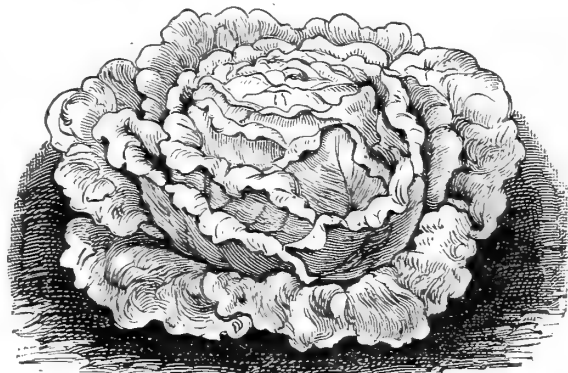
Forcing Emperor (True). A medium-sized, compact-growing, very early variety; very crisp and tender and unequalled for forcing. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Golden Queen. A very desirable early variety, second to none for forcing. At first glance it seems to be of medium size; but it forms all solid heads with little or no waste, so that there is really more to it than in many Lettuces double the size. Very crisp, tender and juicy. Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

Grand Rapids Forcing. An excellent variety, grown most extensively in the West, but has given the best satisfaction wherever grown; does not produce a hard head. Pkt. 5c., oz. 15c., lb. \$1.25.

Hanson Improved Hard Head. A superior curled heading variety. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

Iceberg. Quick grower, hard, handsome heads, exquisite in flavor, there is no handsomer or more solid Cabbage Lettuce in cultivation—in fact, it is strikingly beautiful. The large, curly leaves which cover the outside of the solid heads are of a bright light green with a very slight reddish tinge at the edges. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.



Extra Selected Michell's Best Dutch Butter Lettuce.

Kingsholm or Paris Cos. Romaine or Celery. Long upright heads of narrow leaves, which are tied at the top, making it crisp and refreshing, withstanding the summer heat. Pkt. 5c., oz. 20c., ¼ lb. 75c., lb. \$2.50.

Royal Cabbage or Summer Drumhead. A standard summer variety. Pkt. 5c., oz. 15c., lb. \$1.25.

Salamander. Summer variety, forming good-sized heads. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

Sensation. Many hundred letters have been received from gardeners, who all agree in pronouncing it the best they have ever grown in open ground during the hottest summer months. Beautiful light yellowish green color, of very superior even quality. Forms solid heads. Shy seeder. Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.

Silver Ball Improved. Excellent for summer; very firm and compact; rich flavor. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$1.25.

Spotted Early Dutch Butter (Michell's). Producing fine large heads of excellent quality, and one of the best forcing and market sorts; stands the heat well in summer. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

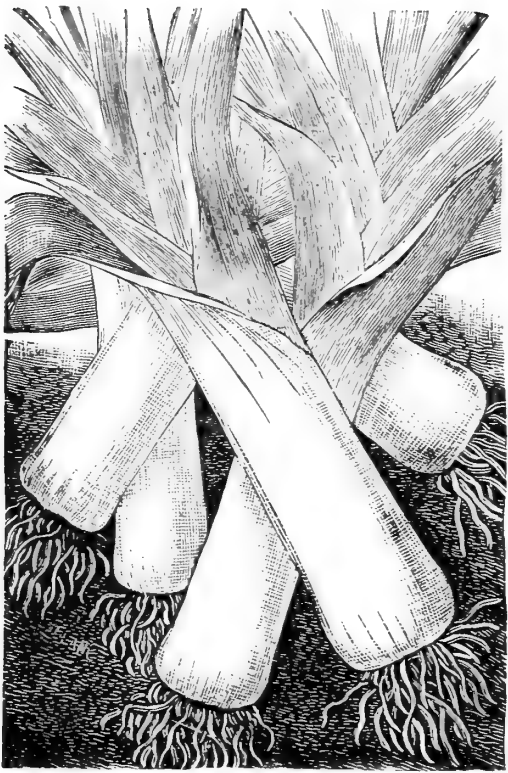
White Russian Summer. One of the best sorts to withstand the extreme heat. Pkt. 10c., oz. 30c.

"Wonderful". The largest cabbage head lettuce, very tender and crisp and has no bitter taste, stands the heat. 10c. per pkt., 50c. per oz.

LETTUCE PLANTS

Ready in April

Best heading varieties. Per 100 40c., per 1000 \$3.00.



Large Musselburgh Leek.

Leek

Lauch (Ger.).

Poireau (Fr.).

One ounce to 100 feet.

Plant the seed in April, in drills one foot apart and one inch deep. When six or eight inches high, remove the plants to deep, rich soil, setting them in rows twelve to fifteen inches apart in the rows; plant as deep as possible, and during growth draw the earth to them to blanch stems. One ounce will produce about two thousand plants.

London Flag. Hardy, large, strong plant, with broad leaves. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Large Musselburgh. Of enormous size, leaves large and broad. Of very mild, pleasant flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Giant Carentan. Pkt. 5c., oz. 20c., lb. \$1.50.

Musk Melon.
(Cantaloupe)

Melone (Ger.).

Melon (Fr.).

One ounce for seventy-five hills; two and one-half pounds to the acre.

A rich, warm, sandy soil is the best for the musk melon. Plant the seed when the ground is warm. Plant from six to twelve seeds in hills six feet apart each way, and when danger from bugs is past, thin to three vigorous plants in a hill. When the shoots are a foot long pinch off the tips to make them branching and strengthen the vine. Thin out the fruit if it is excessive, the remaining melons will thereby increase in size and ripen earlier.

Be careful not to grow pumpkins, squashes or cucumbers near musk melons.

MUSK MELON—Continued.

Ex. Ea. Cape May (Cantaloupe). A roundish melon, flattish at stem and blossom ends. Ribs very distinct, and with netting covering the entire fruit; flesh green, thick and of best flavor; a productive and very early sort, produced on vines of small foliage. Pkt. 5c., oz. 15c., lb. 75c.

"The Banquet." Medium-sized; the flesh is uniformly deep; of a dark rich salmon color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Emerald Gem. A small early melon, flesh salmon colored, thick and luscious. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 75c.

Cosmopolitan. This grand Musk Melon combines the firm, sweet flesh of the French Cantaloupe and the delicious flavor of the American Musk Melon. Very sweet, melting and high flavored. Pkt. 5c., oz. 15c., lb. \$1.00.

Jenny Lind. The earliest variety, netted, of small, round size, excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Golden Jenny. A small early variety, good flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Green Citron Netted. Medium size, deeply netted, nearly round, flesh thick and of a delicious flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

French Prolific "Trevoux". We have received numerous praises from many of our customers for great production and best quality of the flesh of this melon. It was awarded a silver medal after having been tasted by a special jury of judges. Pkt. 10c., 3 pkts. 25c.

Montreal Market. Largest of the nutmeg varieties, uniform in shape, netted, flesh green, quality remarkably good. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Netted Pineapple or Nutmeg. An excellent melon, of medium size. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Extra Early Hackensack. Large size, attractive appearance, excellent flavor. Pkt. 5c., oz. 10c., lb. 60c.

Casaba or Persian. Of extraordinary size, very delicious and fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Water Melon

Wasser Melone (Ger.).

Melon D'Eau (Fr.).

One ounce to thirty hills; four pounds per acre.

In light soil, with hot sunny exposure, the water melon thrives best. Plant in hills eight to ten feet apart each way, and cultivate like musk melon. To secure the largest fruit, have but one or two melons to a vine.

Dixie. A large variety, surpassing all others as a shipper, in fine eating qualities and great productiveness. It is ten days earlier than Kolb Gem, rind thin, ripening within one-quarter inch. Strong grower, very heavy setter. Flesh of a rich scarlet; sweet, juicy and tender. Pkt. 5c., oz. 10c., lb. 60c.

Cuban Queen. One of the largest varieties, ripening to the very centre, heavy cropper, flesh bright red, tender and melting. Pkt. 5c., oz. 10c., lb. 50c.

Kolb Gem. Pkt. 5c., oz. 10c., lb. 50c.

Iron Clad. Pkt. 5c., oz. 10c., lb. 50c.

Dark Icing. The flavor of this variety cannot be excelled. It is very solid, rind very thin. Pkt. 5c., oz. 10c., lb. 50c.

Light Icing or Ice Rind. Pkt. 5c., oz. 10c., lb. 60c.

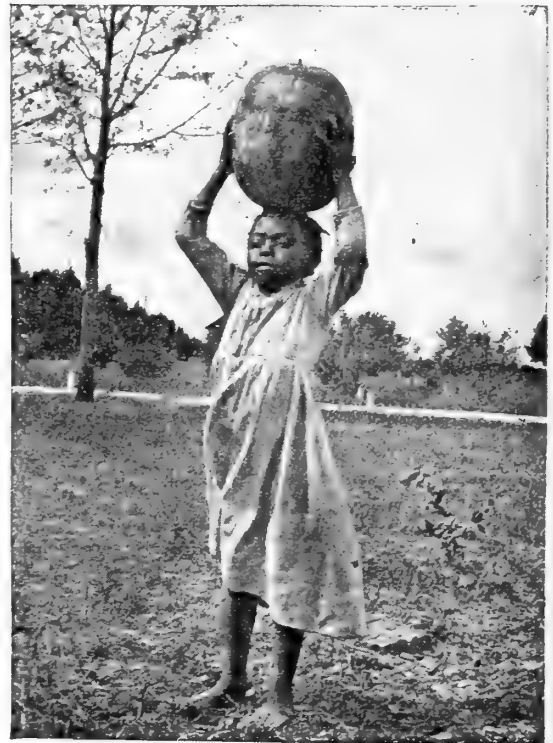
Mountain Sweet. Early, large, oblong, dark green, thin rind; flesh red, solid, rich and sweet. Pkt. 5c., oz. 10c., lb. 50c.

Pride of Georgia. Pkt. 5c., oz. 10c., lb. 50c.

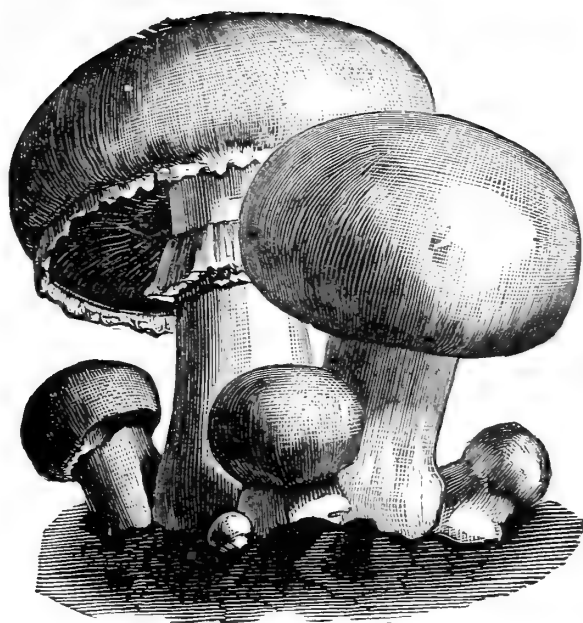
Scaly Bark. Pkt. 5c., oz. 10c., lb. 50c.

Striped Gypsy or Rattlesnake. An early variety, large, oblong; skin green, mottled and striped. Pkt. 5c., oz. 10c., lb. 50c.

Citron. For preserving only, small, round, flesh white and solid, with red seeds. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Michell's
Superior



Mushroom Spawn

"Michell's Superior" English Milltrack. Strictly fresh and reliable. We supply a number of the leading and largest growers of Mushrooms with our Superior Spawn, and we have received a large number of testimonials of its high quality. 15c. per brick, \$1.75 per doz. bricks, 25 lbs. for \$2.75, \$8.00 per 100 lbs. (Directions for growing free.)

French Spawn, per 3 lb. box \$1.00.

We offer \$5.00 in 2 Prizes for the best dish of Mushrooms exhibited at the Philadelphia Chrysanthemum Show, November, 1898.

Wm. Falconer's Book on Mushroom Culture, Price \$1.35.

Robinson's Book on Mushroom Culture, Price 50c.

HARRISBURG, PA., Jan. 27th, 1897.

DEAR SIR:—Your Mushroom Spawn has proved of very high quality with me. I have been picking constantly since Nov. 10th. I have now two beds in full bearing. Shipped you this day via Adams Express, a box of mushrooms to place in your window to demonstrate the purity of your spawn. Very respectfully,
Gardener to Jas. Boyd, Esq.

CHAS. H. RONEY.

MUSTARD

Senf (Ger.).

Moutarde (Fr.).

White or Yellow. For salads and flavoring purposes. Oz. 5c., lb. 30c.

NASTURTIUM

Indian Cress.

Capucine Grande (Fr.).

The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in spring in drills about one inch deep, in light, rich soil, when all danger of frost is over.

Tall. The most profitable pickling variety. Pkt. 5c., oz. 15c., ¼ lb. 25c., lb. \$1.00.

Dwarf. Beautiful colors, mixed. Pkt. 5c., oz. 20c., ¼ lb., 35c., lb. \$1.25.

Okra or Gumbo

Esbarre Hibiscus (Ger.).

Gombaud (Fr.).

One ounce to 20 feet; one pound to 300 feet.

Sow in May, in hills or drills, three feet apart. If in hills, thin out to three plants; if in drills, to ten inches apart in the drills. Seed thickly and cover one inch deep. The young green seed pods are used for soups or like asparagus.

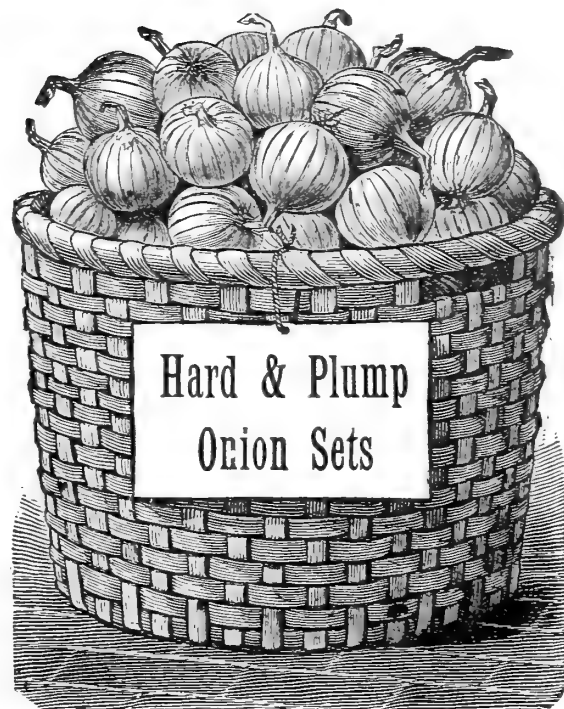
Improved Dwarf Green. The most desirable sort, very productive, bears long pods which remain tender a long time and are free from hard ridges. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

White Velvet or Creole. Pkt. 5c., oz. 10c., lb. 60c.



Improved Dwarf Green Okra

Onion Sets



White. Qt. 20c., ½ pk. 70c., pk. \$1.25, bush. \$4.00.
Yellow. Qt. 15c., ½ pk. 50c., pk. 80c., bush. \$2.50.
White Multiplier Onion Sets. Qt. 25c., 4 qts. 75c.
Tree or Top Onion Sets. Qt. 25c., 4 qts. 80c.
Potato Onion Sets. Qt. 25c., 4 qts. 75c.
Shallots. Qt. 25c., 4 qts. 75c.

Onion

Zwieble (Ger.).

Ognon (Fr.).

One ounce for 100 feet of row; six lbs. to an acre.

For sets, sow the seeds as early as possible, in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring, replant them by placing sets in shallow drills twelve inches apart, and about four inches apart in the drills. They may also be grown to full size during the first season by sowing thinly in drills one foot apart and about one-fourth



of an inch deep, in March or early in April, well manured, and thinning them out to stand three or four inches apart in the drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

Extra Early Red. Pkt. 5c., oz. 20c., lb. \$1.50.

White or Silver Skin. A mild-flavored early variety, extensively grown for pickling. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

Yellow Danvers. An excellent early oval, straw-colored variety, of mild flavor, productive and a good keeper. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

Prize Taker Mammoth Yellow. Beautiful straw color, of large round form, very rapid grower; attains full size in one season. Pkt. 10c., oz. 20c., lb. \$1.50.

Yellow Strasburg or Dutch. The leading market variety, a good keeper; bright straw colored skin and somewhat flattened shape. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

Large Red Weathersfield. Grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

Southport Yellow Globe. Pkt. 5c., oz. 15c., lb. \$1.25.

Southport White Globe. Pkt. 5c., oz. 20c., lb. \$2.00.

White Barletta. An extra early pure white Onion. An excellent pickling variety. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

ONION CULTURE, by a Practical Grower, 20c. per copy.

Parsley

Petersilie (Ger.). Persil (Fr.).

One ounce sows about 100 feet of drill.

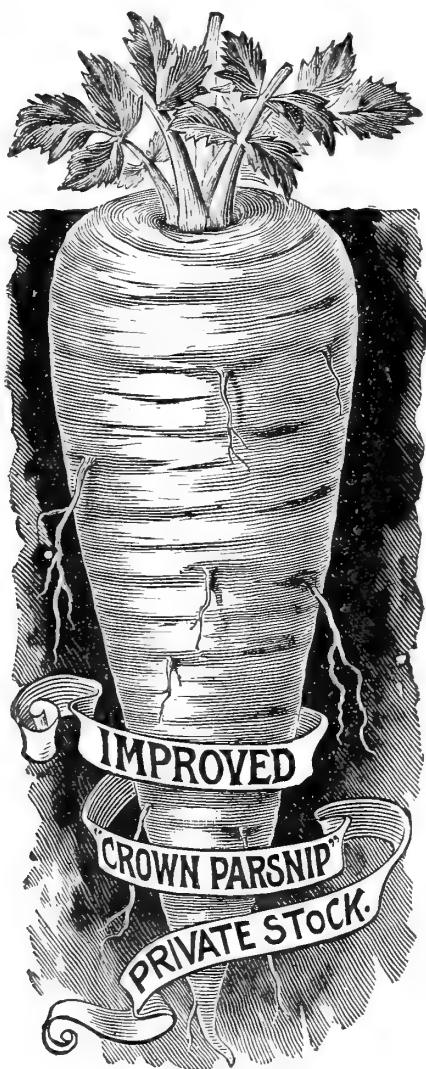
Seed germinates very slowly, plants sometimes not appearing for three or four weeks; soak seed a few hours in lukewarm water before sowing.

Double Curled Covent Garden. Finely curled dwarf. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

Extra Curled Perpetual. Leaves tender, crimped and very curly; excellent for garnishing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Fern Leaved. Most valuable for garnishing and for ornamental foliage. Plant in borders. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.

Champion Moss Curled. Beautifully crimped and curled. It can be cut the year round, rarely runs to seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



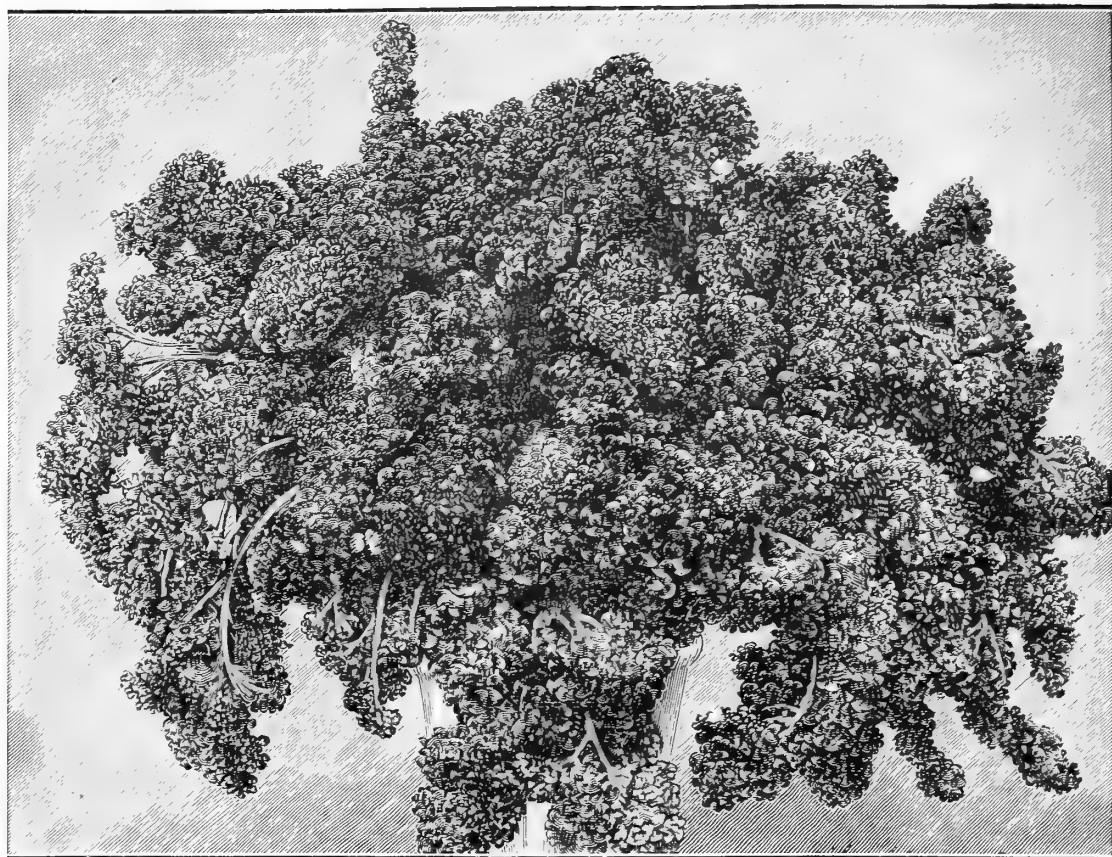
Parsnip

Pastinake (Ger.). Panais (Fr.).

One ounce to 150 feet; five pounds to the acre.

Sow early in spring in drills fifteen inches apart and one-half inch deep; when plants are two or three inches high, thin out to six inches in the rows, cultivate often until the leaves cover the ground. These roots are improved by frost, and can be left in the ground over winter.

Improved Sugar or Hollow Corn. The best variety; very smooth, of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



Covent Garden Curled Parsley.

Pfeffer (Ger.).

Pepper

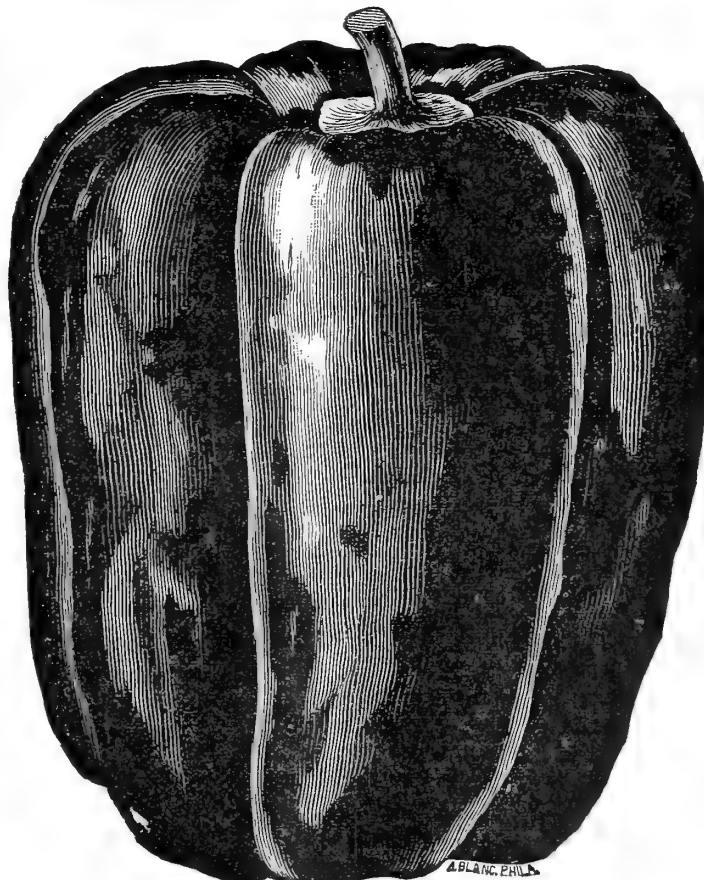
Piment (Fr.).

One ounce will produce about 100 plants.

Sow in hotbed in April, and transplant the plants to open ground in warm, settled weather to rows two feet apart and eighteen inches in the rows, or when all danger of frost is past, sow at once in the open ground and thin to the same distance as above. Any rich fertilizer, if applied and stirred into the soil when the plants are six inches high, will be found of great benefit.

Large Sweet Bell or Bull Nose. Large variety, mild, rind thick, fleshy; best for pickling and pepper sauce, or filled as mangoes. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

Large Sweet Spanish. Pkt. 5c., oz. 25c.



Sweet Bell or Bull Nose Pepper.

Golden Dawn. Beautiful golden yellow, quite sweet, without any fiery taste; very productive. Pkt. 5c., oz. 25c.

Cayenne Long Red. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Ruby King. Bright scarlet, large productive sort. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Celestial. Pkt. 5c., oz. 25c.

Coral Gem. Pkt. 10c., oz. 40c.

Red Cherry. Pkt. 5c., oz. 25c.

Small Chili. Very hot; used for seasoning and for pepper sauce. Pkt. 5c., oz. 25c.

Pepper Plants

Ready May 15th

Large Sweet Bell and Red Cayenne

Dozen 20c., 100 \$1.25.

PEAS

Erbse (Ger.).

One quart to 100 feet of row.

Pois (Fr.).

Extra Early Sorts.

Peas succeed best in light, dry, loamy soil. Early and dwarf sorts require richer soil than the late varieties. If manure is used, let it be old and well rotted, or there will be a rank growth of vines with few pods. Sow the early, smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold, and must be planted later. Sow seed in single rows, three feet apart, for dwarf sorts, and four for tall sorts, or in double drills, six to eight inches apart, one inch apart in the drill, and not less than four inches deep, for late sorts seven to eight inches deep. Deep planting prevents mildew.

Michell's Dandy Extra Early. Selected from first crop of Eureka's and are the best extra early pea in the market. Pkt. 10c., qt. 25c. pk. \$1.25, bush. \$4.50.

Eureka Extra Early. Earliest, most prolific variety. For a late fall crop it has few equals; height twenty inches. Pt. 15c., qt. 25c., pk. \$1.00, bush. \$4.00.

Nott's Excelsior. The earliest and best dwarf pea in cultivation. Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It out-yields that variety and the American Wonder 20 to 30 per cent. The pods are one-third longer, and each pod contains from 6 to 8 large peas which are of unusually fine flavor and tender. Pkt. 10c., qt. 30c., peck \$1.75.

Alaska. An extra round pea, resembling Kentish Invicta. Of good flavor and color; height two feet. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.50.

Improved Daniel O'Rourke. A valuable sort of good flavor, productive and early. Pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.75.

American Wonder. The earliest wrinkled variety in cultivation; of dwarf and robust habit, growing from ten to twelve inches high. Will mature in thirty-three days from time of planting. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.75.

McLean's Little Gem. Dwarf first early, green-wrinkled marrow. very prolific, superior flavor; one foot high. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.75.

Premium Gem. A fine flavored dwarf, wrinkled variety. Height 18 inches. Qt. 25c., pk. \$1.25, bush. \$4.50.

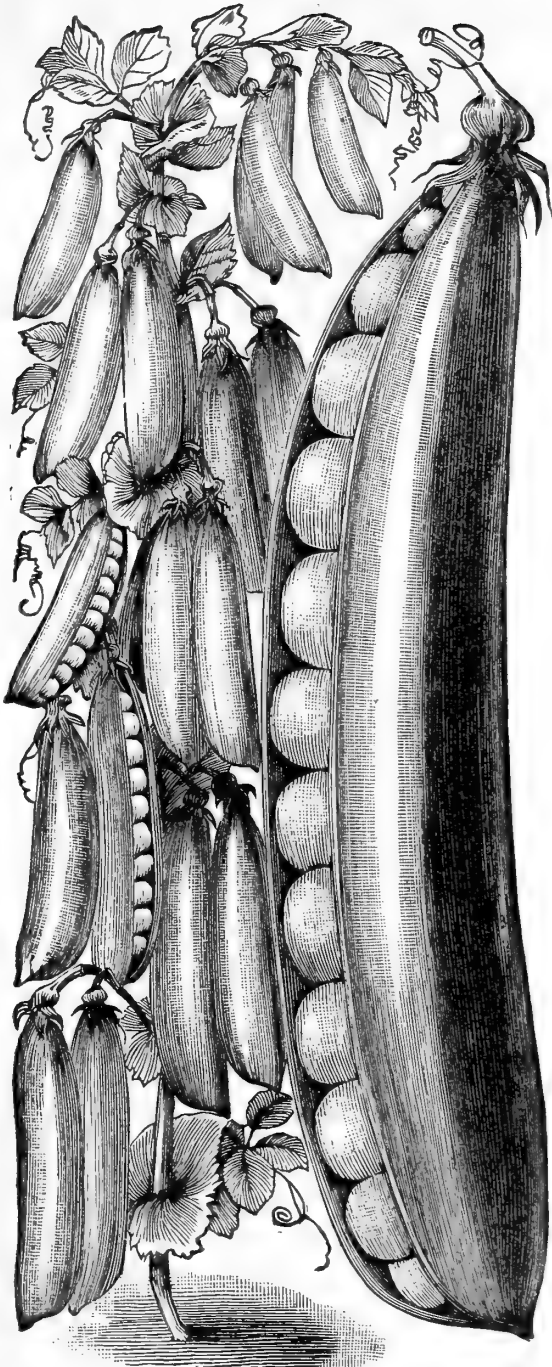
Blue Beauty. Compact, and bears a profusion of excellent peas; 18 inches. Pt. 15c., qt. 25c., pk. \$1.25, bush. \$4.00.

Second Early Varieties

Bliss' Abundance. Ripens about one week after the earliest kind. Six to eight inches apart in the rows is the nearest that the plants should stand; one and a half feet high. Pkt. 5c., qt. 25c. pk. \$1.25, bush. \$4.50.

Heroine. One of the grandest; should be in every garden; it is the greatest acquisition we have had in new peas in many years. Pt. 20c., qt. 30c., pk. \$1.50.

Pride of the Market. A medium early dwarf pea of vigorous habit and very productive; one and a half feet high. Pkt. 5c., qt. 30c., pk. \$1.50, bush. \$5.75.



MICHELL'S DANDY EXTRA EARLY.

SECOND EARLY VARIETIES—Continued.

Shropshire Hero. A most desirable wrinkled variety producing well filled pods; 2½ feet. 30c per qt., 4 qts. for \$1.00.

Long Island Mammoth. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with peas of very good quality, 3½ feet. Qt. 35c., pk. \$1.50, bush. \$5.00.

Horsford's Market Garden. A prolific pea for summer crop; pods are full and borne in profusion. qt. 25c., pk. \$1.25.

McLean's Advancer. A fine variety, prolific, well-filled long pods, tender, and of delicious flavor; 2 feet. Pt. 15c., qt. 25c., pk. \$1.25, bush. \$4.50.

General and Later Varieties

Everbearing. A good pea for summer and autumn use, pods 4 inches long, and contain 6 to 8 peas of rich flavor, very sweet and tender; 2 feet. Pt. 15c., qt. 25c., pk. \$1.25, bush. \$4.50.

Telephone. Immensely productive, of the finest quality, and excellent sugary flavor; four feet high. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.50.

Improved Stratagem. Wrinkled marrow, large size peas of excellent quality; two and a half feet high. Qt. 30c., pk. \$1.50, bush. \$5.50.

GENERAL AND LATER VARIETIES—Continued.

Champion of England. One of the best and most popular wrinkled varieties in cultivation, of delicious flavor; a profuse bearer; five feet high. Qt. 25c. pk. \$1.00, bush. \$3.50.

Juno. One of the best of the late wrinkled peas, with large pods filled with delicious peas of large size— Pkt. 10c., pt. 15c., qt. 30c., pk. \$2.00.

Duke of York. A very highly recommended wrinkled variety. 4 feet. 30c. per qt., 4 qts. for \$1.00.

Blue Imperial. A favorite summer, market gardener's variety; good bearer and of fine flavor; three feet high. Pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.50.

Fillbasket. Large, prolific, pods long, round and closely filled; one and a half feet high. Qt. 30c., pk. \$1.50.

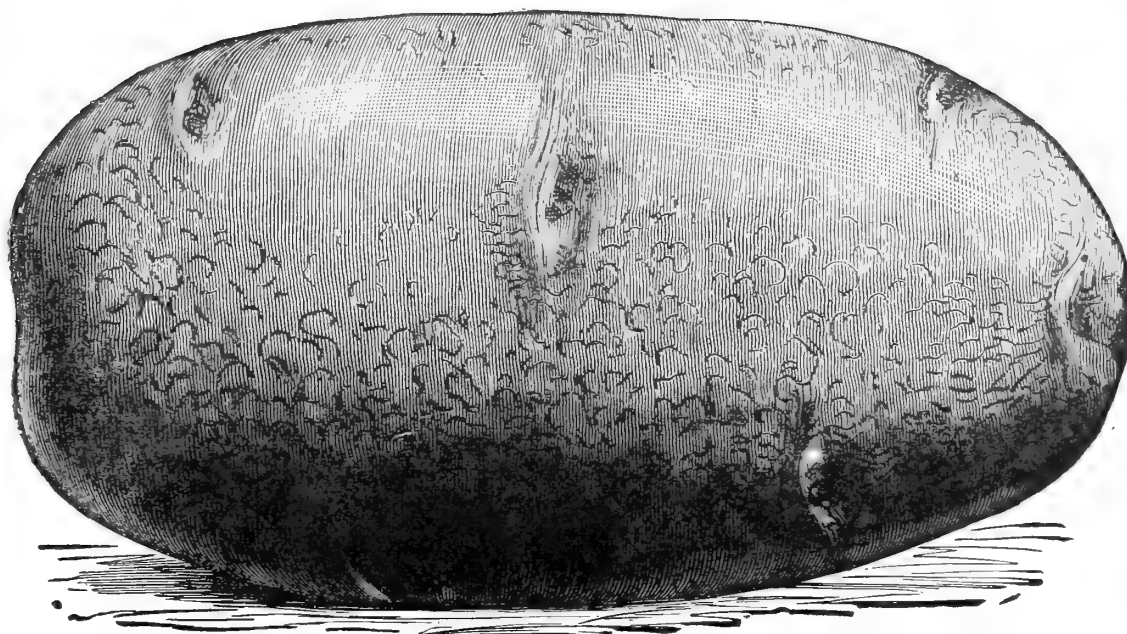
Yorkshire Hero. A splendid wrinkled marrow for market and kitchen gardens; two and a half feet high. Pkt. 5c., qt. 25c., pk. \$1.00, bush. \$4.00.

Dwarf Sugar, (edible pod). Pkt. 10c., qt. 40c.

Melting Sugar. A new and prolific variety of delicious quality; 5 to 6 feet. Pt. 20c., qt. 40c.

Royal Dwarf White Marrowfat. A favorite late variety; three feet high. Qt. 15c., pk. 60c., bush. \$2.00.

Black-eyed Marrowfat. Extensively grown; hardy, productive, four feet high. Qt. 15c., pk. 60c., bush. \$2.00.



Northern-Grown Potato,

Advantages of Changing Seed Potatoes

There is no other crop that we raise that is so much benefitted by the introduction of fresh seed from time to time as the potato. They seem to take on new life and prosper wonderfully, provided the change is to a well-selected stock, and the further north it is grown, the better. Our best customers will not plant their own raising of seed at all, but buy of us every year. They can grow nearly double the crop on the same land that they can from their own raising, and the tubers are smoother, handsomer and of better quality and more salable in the markets.

Sweet Potatoes

Yellow Nansemond. A thick variety, very productive, and the best for general culture. Pk. 60c., bush. \$2.00, bbl. \$4.00.

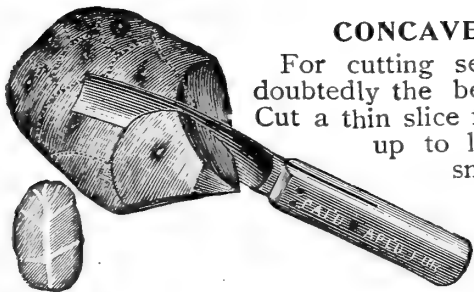
SWEET POTATO PLANTS

Ready May 10th

Yellow Nansemond. 100 25c., 1000 \$1.50, lots of 5000 \$1.20 per 1000.

CONCAVE POTATO KNIFE

For cutting seed potatoes. This is undoubtedly the best knife for the purpose. Cut a thin slice from centre of potato, hold up to light and see feeders as in small cut.



25 cents each
postpaid

Kurbis (Ger.).

Pumpkin

Potiron (Fr.).

One ounce to fifty hills. Three pounds to the acre.

Sow in good soil in May, when ground has become warm, in hills eight to ten feet apart each way, or in field corn about every fourth hill; plant at same time with corn, always avoid planting near other vines, as it will hybridize.

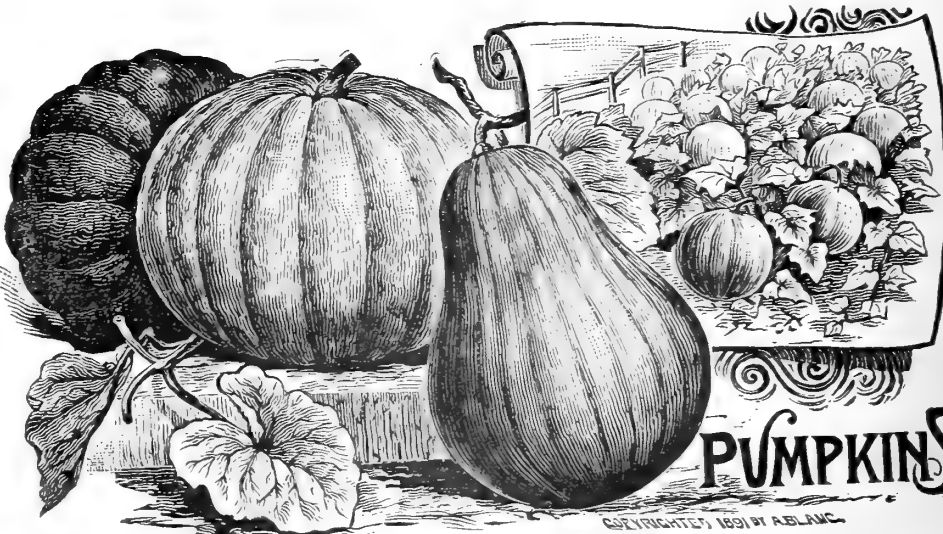
Cashaw. Long yellow crook neck, the best for table use or feeding stock; fresh yellow, solid, fine grained and sweet. Pkt. 5c., oz. 10c., lb. 50c.

Large Cheese. One of the best for table use, skin orange, flesh yellow and sweet. Pkt. 5c., oz. 10c., lb. 50c.

Large Tours or Mammoth. Grows to an immense size, often weighing over one hundred pounds. Pkt. 5c., oz. 10c., lb. 60c.

Connecticut or Large Common Yellow Field. Grown principally for feeding stock. Oz. 5c., qt. 20c., bush. \$4.00.

True Tennessee Sweet Potato. A splendid pie and cooking pumpkin. Pkt. 5c., oz. 10c., 1/4 lb. 25c. lb. 60c.



PUMPKINS

COPYRIGHTED 1891 BY A. E. LANC

Potatoes

Kartoffel (Ger.).

Pomme de Terre (Fr.).

Plant ten bushels to the acre.

The soil best suited to the potato is a rich, sandy loam; being a gross feeder, it requires a liberal application of manure; if stable manure is to be used it should be well rotted and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are brighter, smoother and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone dust, for heavy and wet soils especially, as they promote growth and, at the same time, prevent disease. Plant as early in spring as the ground can be thoroughly worked, in rows three feet apart and one foot in the rows.

NOTICE—On account of the scarcity of Seed Potatoes this year the prices fluctuate. Lowest prices will be quoted upon application for first class seed.

Rural New Yorker, No. 2. A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. pk. 50c., bush. \$1.50, bbl. \$4.00.

Freeman (New). Considered to be the finest early potato to this date. Pk. 60c., bush. \$2.00, bbl. \$4.50.

Early Rose. A leading variety for earliness, quality and productiveness. Pk. 50c., bush. \$1.50, bbl. \$4.00.

Early Ohio. A seeding of the Early Rose, ripens about a week earlier, excellent quality. pk. 75c., bush. \$2.00, bbl. \$5.50.

Beauty of Hebron. A little earlier than Early Rose, very productive, a good keeper. Pk. 50c., bush. \$1.50, bbl. \$4.00.

State of Maine. Medium early, good keeper. Pk. 50c., bush. \$1.50, bbl. \$4.00.

Burbank's Seeding. A medium early variety, producing a large crop. Pk. 50c., bush. \$1.50, bbl. \$4.00.

Mammoth Pearl. Medium late, free from rot, never hollow; skin and flesh white, cooks like a ball of flour; very productive and good keeper. Pk. 50c., bush. \$1.50, bbl. \$4.00.

White Star. Baked or boiled, its color, floury texture and delicious flavor are unsurpassed; excellent keeping quality. Pk. 50c., bush. \$1.50, bbl. \$4.00.

We offer \$5.00 in Two Prizes for the best basketful (about 1/2 bushel) of Potatoes, exhibited at the Philadelphia Chrysanthemum Show in November, 1898.

Radish

Radies (Ger.).

Radis (Fr.).

One ounce to seventy-five feet of row.

Radishes delight in light, rich, mellow soil, and to be crisp and tender, must make rapid growth. For very early use sow in a gentle hotbed in January, and continue sowing every two weeks until September, choosing the varieties suited to the season; sowings should be made in drills ten inches apart, and the plants should be thinned to two inches apart in the row. Sow winter radishes in July and take up before severe frosts and store in sand or earth in a cool cellar.

Early Sorts

Round Red Forcing or Button. The earliest and the best of the turnip varieties for forcing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Round White Forcing. Similar to the above in every respect, except its white skin. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Fireball. Brilliant scarlet color, crisp, tender, of mild flavor; useful only as a forcing variety or for early spring use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Cardinal or Scarlet Globe. The very best forcing variety, is of globular shape and brilliant cardinal red color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White Box, Philadelphia Grown. Perfectly round, smooth skin, pure white and free from any sharpness or bitterness; a remarkable quick grower, with small top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Early French Breakfast. Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color, tipped with white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Brightest Scarlet, Half Long. Entirely distinct, being a vivid scarlet color, tipped with snow-white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Long Scarlet Short Top or Salmon. The standard family and market gardeners' variety; long bright scarlet with small top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Summer Sorts

Becker's Chartier. Color bright salmon scarlet, shading to white as it approaches maturity; it is very crisp, tender, and of mild and pleasant flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

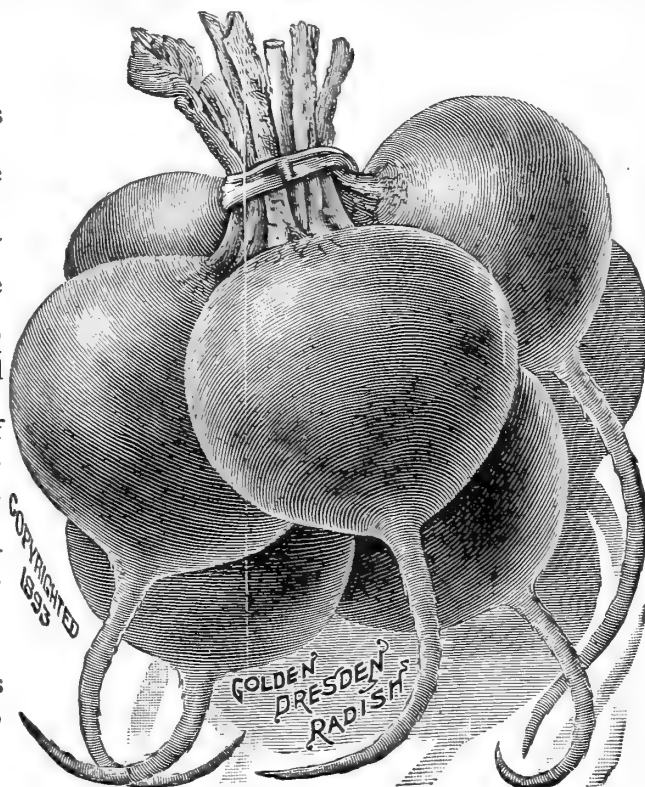
Golden Globe, Dresden (New). Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Large White Summer Turnip. Large, turnip-shaped, white, crisp and mild. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Large Yellow Summer Turnip. Like the above, except in color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long White Lady Finger. A fine white, crisp and mild variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 65c.

White Strasburg. Oblong, of a pure white color, and mild flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



Winter Varieties

Scarlet China Winter. One of the best fall and winter varieties, bright rose color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

Long Black Spanish Winter. A large, long variety, one of the hardiest, firm in texture, keeping until spring. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Round Black Spanish Winter. Like the above, except form. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Rhabarber (Ger.).

RHUBARB

Rhubarbe (Fr.).

Linnaeus. Well-known market variety; early. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 20c., lb. \$1.50.

Victoria. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

RHUBARB ROOTS

Set in spring and they will furnish leaf stalks the following season. We offer the largest and best variety.

Victoria. Clumps. Each 10c., doz. \$1.00, 100 \$6.00.

Kurbiss (Ger.).

SQUASH

Courge (Fr.).

One ounce to fifty hills.

Squashes should be planted in a warm, light, rich soil, about the middle of May or June. Plant in well manured hills, in the same manner as cucumbers and melons—the bush varieties three or four feet apart each way, and the running kind six to eight feet. Eight to ten seeds should be sown in each hill, thinning out after danger from bugs is over, leave three or four of strongest plants to a hill.

Early Sorts

Early White Bush or Patty Pan. The best early variety; grows to a large size and bears an abundant crop. Pkt. 5c., oz. 10c., $\frac{3}{4}$ lb. 20c., lb. 60c.

Golden Custard. Of similar size and shape to the White Bush, but of rich golden yellow color and fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Yellow Crook Neck. Early productive, and of good quality; skin orange yellow. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Summer and Fall Sorts

Fordhook. A new winter squash of great merit; of a handsome, bright yellow color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Butman. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Hubbard. A general favorite, and one of the best late table varieties; of large size, flesh fine grained, dry and of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

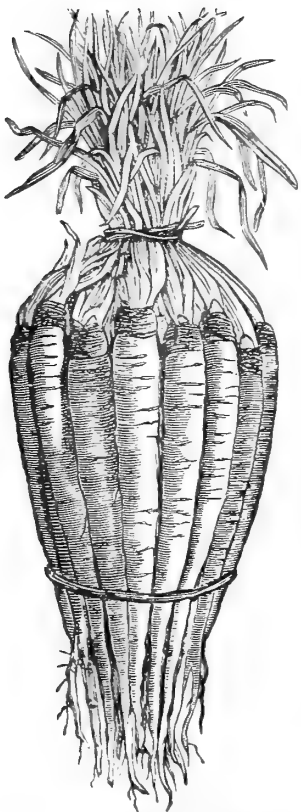
Vegetable Marrow. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.10.

Boston Marrow. About ten days later than the bush varieties; a good keeper, of excellent flavor, flesh orange colored and fine grained. Pkt. 5c., oz. 15c., lb. 75c.

Sweet Nut. Medium size, flesh rich and very sweet; enormously productive and valuable both as a summer and a winter squash. Pkt. 5c., oz. 10c., lb. 75c.



Early White Bush or Patty Pan Squash



Salsify

Haferwurz (Ger.). Salsifis (Fr.).

(OYSTER PLANT)

One ounce of seed will sow about fifty feet of drill.

Sow in early spring in drills fifteen inches apart and one to two inches deep, thin to six inches apart. Soil should be very deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c. lb. \$1.25.

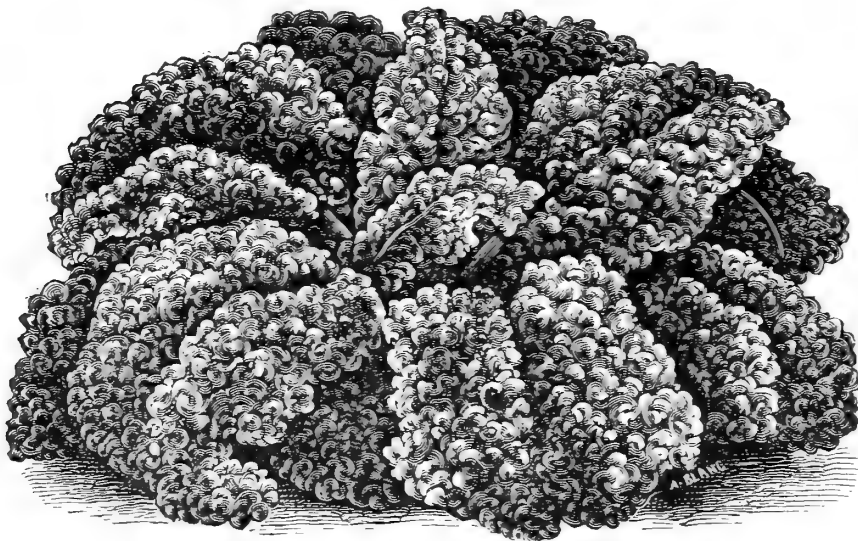
Long White. The favorite market variety, and best flavored. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Sage

Holt's Mammoth. Strong roots. Each 10c., doz. \$1.00, 100 \$5.00.

Sorrel

Sandwich Island Salsify. **Broad Leaf French.** Pkt. 5c., oz. 15c.



Bloomsdale Savoy Spinach.

Spinat (Ger.).

Spinach

Epinard (Fr.).

One ounce to 75 feet of drill, or at rate of ten pounds per acre.

Select very rich, well-drained soil, and sow in drills one foot apart and one inch deep. For spring and summer use, make the first sowing early in March, and continue at intervals of two or three weeks until the middle of July. Sow in August and September for winter or early spring use, and protect with a covering of straw during severe weather.

Victoria Long Standing (New). This thick variety is distinguished by the exceedingly dark green color of the leaves, and also for its long standing qualities. Pkt. 5c., oz. 10c., lb. 35c.

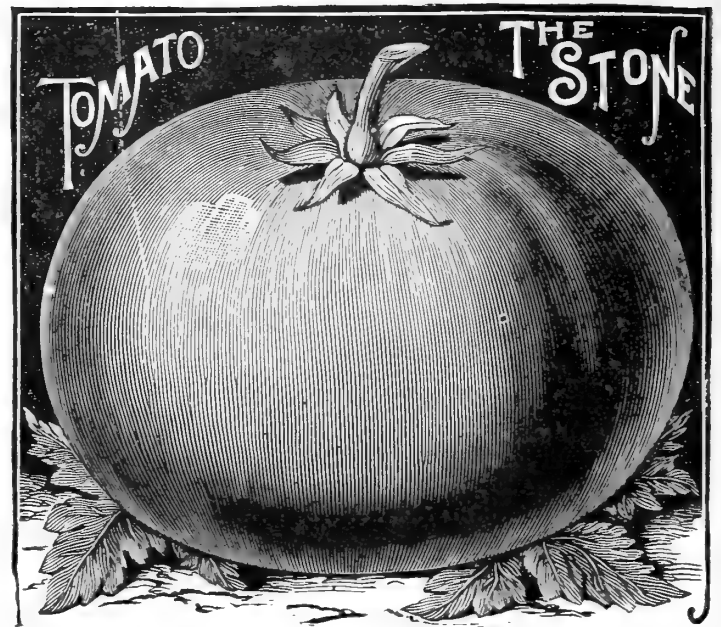
Bloomsdale Round-Seeded Savoy. The hardiest large Savoy leaved; curled and crimped, with thick, fleshy leaves; the best for family and market purposes, and the best of all sorts for fall sowing. Oz. 5c., lb. 30c.

Long Standing Round-Seeded. Will stand two weeks longer than any other sort before shooting to seed. The best for spring sowing on account of seeding so late. Oz. 5c., lb. 30c.

Prickly-Seeded, or Fall. The hardiest variety. Oz. 5c., lb. 30c.

New Zealand. This variety endures heat and drought; excellent for summer use; produces a large quantity of leaves throughout the season and can be cut from continuously. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

We offer \$5.00 in Two Prizes for the best Six Heads of Spinach exhibited at the Philadelphia Chrysanthemum Show, Nov. 1898.



WYNCOTE, PA., Jan. 20th, 1897.

DEAR SIR:—Last Saturday I picked off seven tomatoes from three vines of the "Lorillard" variety weighing $4\frac{1}{4}$ lbs. I never saw such a fine crop as I have this year from your seed. Yours respectfully,
Supt. for C. H. K. Curtis, Esq. J. H. JONES.

Tomatoes

Liebes Apfel (Ger.).

Tomate (Fr.).

One ounce will produce about one thousand plants.

Sow the seed in March or April in the hotbed, or in a box in a sunny place in the house. To make very healthy, stocky plants, they may be transplanted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground. Set plants four feet apart.

Honor Bright. Livingston's latest introduction and considered to be his very best rich red variety. 10c. per pkt., 3 pkts. for 25c.

Imperial (New). Earliest and best tomato in existence. Color bright red, very solid and smooth. Pkt. 10c., oz. 30c., lb. \$3.00.

Atlantic Prize. One of the earliest of all varieties. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

The Stone. Fruit very large, bright scarlet, very smooth, ripening evenly to the stem without a crack; and not subject to rot. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.00.

Mayflower. One of the earliest, of a bright red color. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Acme (Pink). Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Livingston's Perfection. Early, deep red in color, with few seeds. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Livingston's Favorite. Ripens evenly and early; very prolific, good flavor, few seeds, flesh solid. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Beauty. Crimson, with a pinkish tinge, grows in clusters, large size; very smooth and solid. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Paragon Selected. Early; a heavy bearer and produces fruit until killed by frost. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Red Mikado. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 80c.

Matchless. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Lorillard. It is the best variety for forcing under glass, very solid; from four to five fruit per bunch. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Trophy Selected. Seed is saved only from the finest ripe specimens. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Thorburn's Long Keeper. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Ponderosa. The largest tomato in existence. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Golden Queen, or Large Yellow. A very handsome tomato. Pkt. 10c., oz. 25c.

Red Cherry. Used for preserving. Pkt. 5c., oz. 25c.

Yellow Pear. Used for preserving. Pkt. 5c., oz. 25c.

TOMATO PLANTS—Ready May 15th

We have these grown in very large quantities by a specialist and can supply the following standard sorts true to name:

PARAGON

SELECTED TROPHY

BEAUTY

IMPERIAL

MIKADO

LIVINGSTONE'S STONE

Transplanted plants, doz. 20c., 100 \$1.00, 1000 \$8.00; not transplanted 1000 \$5.00.

Ruta-Baga

Sow $1\frac{1}{4}$ to 2 pounds per acre.

Improved Yellow, Purple Top Ruta-Baga or Swede. The leading market variety, and principally grown for stock as well as for family use; hardy productive, flesh yellow, solid, sweet, fine grained, and of good flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c., 3 lbs. \$1.25.

Turnip

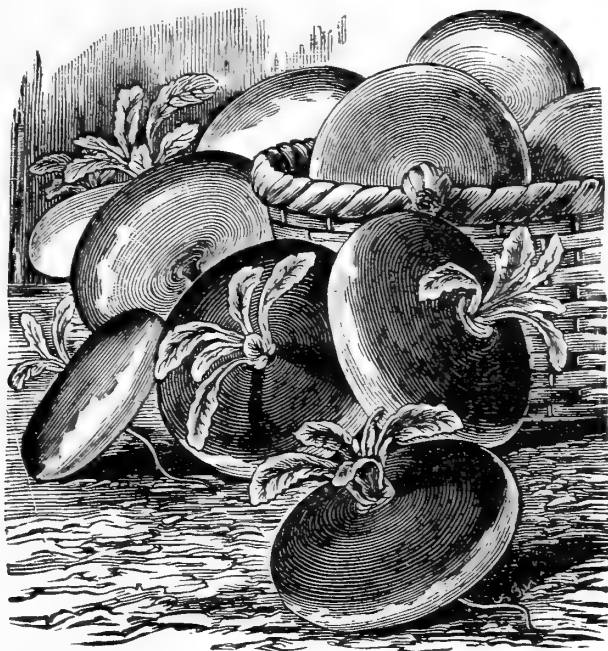
Herbst Rube (Ger.). Navet (Fr.).

One ounce for 100 feet, two pounds to the acre.

For early use sow the small sorts as soon as the ground can be worked in the spring in

Ruta-Baga.

drills fourteen inches apart. Ruta-bagas thirty inches. As the seed is fine it should be covered but slightly, excepting in very dry weather. Of the early varieties; thin the plants to six inches apart and the Swedes to one foot. For fall and winter use, the early kinds should be sown from the middle of July to the middle of August, and Swedes from the middle of June to the fifteenth of July.



Snowball. Extra early, perfectly round, pure white, very solid, sweet, short top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Extra Early Munich, Purple Top. A very early variety, white flesh, of fine grain and good flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Early White Flat Dutch. An early white-fleshed variety, of quick growth, mild flavor and excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.

Early White Egg. An egg-shaped variety for spring or fall sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Early Red or Purple Top Flat. This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple, flesh fine grained, of mild flavor and a good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.

Purple Top White Globe. Either for table or stock, is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.

Yellow Globe or Amber. One of the best for a general crop, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.

Robertson's Golden Ball. Pkt. 5c., oz. 10c., lb. 50c.

Yellow Aberdeen. Pkt. 5c., oz. 10c., lb. 40c.

Miscellaneous Seeds

Sunflower

Mammoth Russian. Bears extra large flowers, which produce a very heavy crop of seed. Qt. 10c., bush. \$1.75.

Canada Field or Pigeon Peas

Used as feed for pigeons, etc., also for green soiling.

Qt. 10c., bush. \$1.25.

Flax Seed

Qt. 10c., bush. \$2.50.

Wheat.

Fultz. The leading winter wheat in this section; heavy cropper. Pk. 40c., bush. (60 lbs.), about \$1.35.

Oats

Wide Awake. Pk. 50c., bush. about \$1.00.

Welcome. Pk. 40c., bush. about \$1.00.

Rye

Extra choice and clean, about \$1.00 per bushel.

Buckwheat

Japanese. A new variety, enormously prolific, yielding double the weight of other sorts. Makes an excellent flour equal in quality to Silver Hull. Lb. 15c., bush. (48 lbs.), \$1.25.

Silver Hull. Lb. 15c., bush. (48 lbs.) \$1.25.

Broom Corn

Improved Evergreen. Qt. 15c., bush. \$3.00.

Osage Orange Seed

Sprout the seed before sowing, then sow in rows, and when one year old transplant. Manure well and plow deep before planting. Oz. 10c., lb. 50c., bush. (33 lbs.), \$7.00.

Osage Orange Plants

Strong. Two years old, per 100 \$1.00; per 1000 \$5.00.

Extra Selected. Per 1000 \$7.50.

Sugar Cane

Early Amber. The earliest and most productive variety. Sow four quarts in drills and eight quarts broadcast to the acre. Qt. 20c., bush. \$3.00.

Tobacco

Connecticut Seed Leaf. One of the best varieties for cigar wrappers. Pkt. 10c., oz. 30c.

Pennsylvania Seed Leaf. The most noted selection grown in Lancaster County. Pkt. 10c., oz. 50c.

Havana. Pkt. 10c., oz. 50c.

Book on Tobacco Culture

Mailed on receipt of 25c.

Teosinte

(Reana Luxurians.)

Excellent forage plant, used for ensilage. Oz. 10c., lb. \$1.00.

Tares or Spring Vetches

Used for plowing under; sow one bushel to the acre. Qt. 20c., postpaid 35c., bush. \$3.00.

(For Mangels see Beet.)

Bird Seeds

Fresh and Recleaned

Canary Seed. Qt. 15c., bush. \$3.00.

Hemp Seed. Qt. 15c., bush. \$2.00.

Rape Seed. Qt. 15c., bush. \$3.00.

Mixed Bird Seed. Qt. 15c., bush. \$3.00.

Millet Seed. Qt. 10c., bush. \$1.25.

Flax Seed. Lb. 15c.

Unhulled Rice. Qt. 20c.

Canada Pigeon Peas. Qt. 10c., bush. \$1.25.

GRASS AND CLOVER SEEDS

Our Grass and Clover Seeds are of the very finest quality, extra clean and free from weeds, and can be relied upon to give the best of satisfaction. We have a large number of unsolicited testimonials from customers who have sown our seed.

We make a specialty of supplying COUNTRY CLUBS with the proper grass seed for Golf Links, Tennis Courts, &c. &c., also special makes of Lawn Mowers. Special information as well as special prices will be cheerfully given. We can refer to a number of Clubs whom we supply.

Don't forget to fertilize the **Lawn** or **Grass Plot**. Well fertilized ground stands the extreme drought much better than ground which is poor.

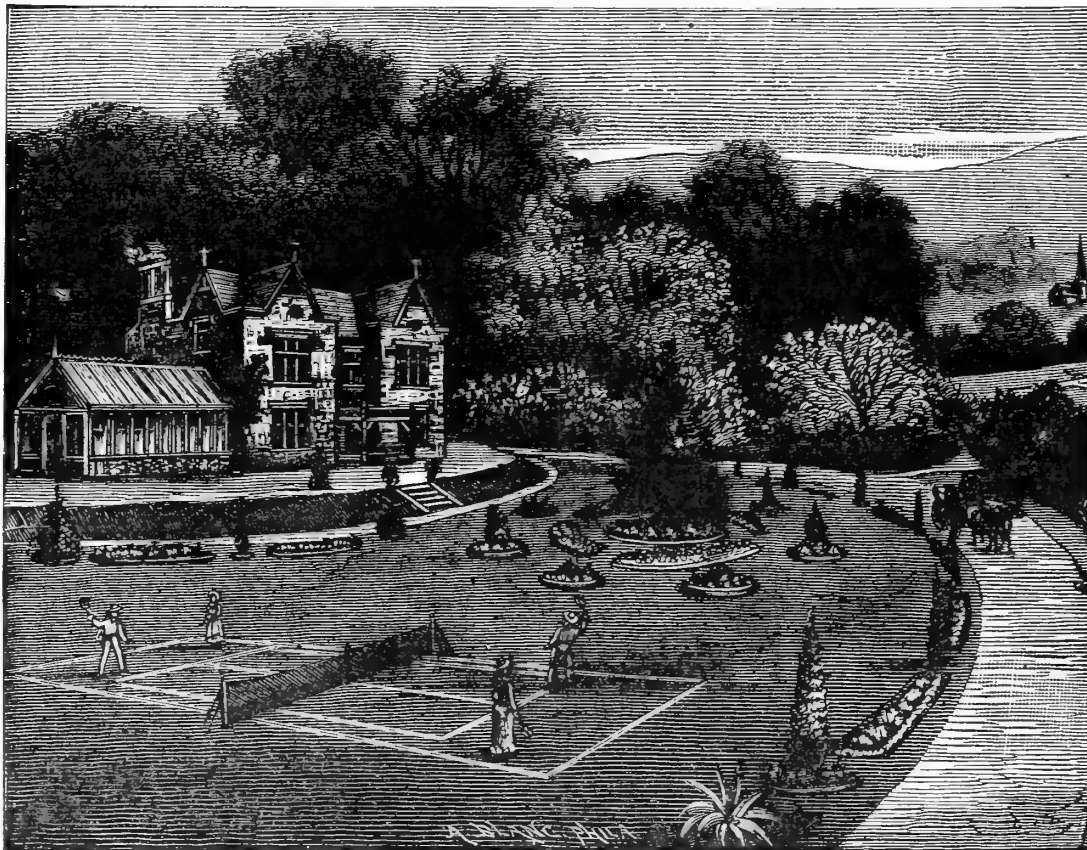
We recommend

**MICHELL'S
...PURE BONE...
MEAL**

\$30.00 per ton; \$4.00 per 200-pound sack; \$2.10 per 100 pounds; or 5 pounds for 25c.; also

**Canada
Unleached Wood
Ashes**

We have the **pure** ashes and can be relied upon. \$20.00 per ton f. o. b., Phila., or \$14.00 per ton f.o.b. Canada, thus saving extra freight charges; \$3.00 per barrel of 250 pounds f.o.b. Phila.



HOW TO MAKE A LAWN

Some previous cultivation, or at least a thorough turning over should be given. A clayey loam is the best foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in the spring as the ground can be worked, provided the ground has not already been prepared in the fall. The very best time, the ground being in order, is about April 1st. Three to four bushels per acre should be shown; the latter amount is best, for the young plants are but small, and if thick, cover the ground better and make a smoother and more even turf. Mowing should be done at least once a week in favorable growing weather, and even in dry weather it should be cut twice a month. Do not allow the clippings to remain on the ground, except they are very short.

Sown with MICHELL'S "NON-SUPERIOR" EVERGREEN LAWN GRASS SEED.

Mitchell's "Non-Superior Evergreen" Lawn Grass Seed. This mixture is made of the finest varieties, presenting the appearance of the lawn like a bed of dark green velvet. We can safely say that there is no better mixture in the market. The seeds used are all fresh and re-cleaned and enough white clover is added to make it strong and durable. Qt. 25c., pk. \$1.00, bush. [20 lbs.] \$4.00. Five to ten bushel lots \$3.75. *Please note that we give 20 lbs. to the bush., which is nearly 1½ bushels.*

Fairmount or Central Park Lawn Mixture. A very fine mixture, which we can highly recommend. Qt. 20c., pk. 75c., bush. [15 lbs.] \$3.00, five to ten bush. lots \$2.75 bush.

Mitchell's Lawn Tennis Mixture. Contains a special mixture of short growing varieties. Bush. of 20 lbs. \$4.00.

Golf Greens Mixture. This is a new mixture of our own; made up especially from such grasses as will grow very short and make a solid surface to withstand heavy wear. Bushel of 20 lbs. \$4.00. Ask for special price on quantity.

Shady Lawn Mixture. Specially adapted for lawns on which there are trees and where the usual grass seeds do not thrive. Pk. \$1.25 bush. of 16 lbs. \$4.00.

Flint's Mixture for Permanent Pasture Lands. This is a mixture made of ten of the best and most hardy grasses, to form a permanent pasture. Sow two bushels to the acre. Bush. [20 lbs.] \$3.25, five bush. lots \$3.00 bush., ten bush. lots \$2.90 bush.

Timothy Seed [Prime]. About \$2.00 per bush.

Clean Kentucky Blue Grass. Qt. 15c., bush. [14 lbs.] \$1.25. Special price on large quantities.

Extra Fancy Cleaned Kentucky Blue Grass. One of the most valuable sorts for lawn purposes, and as a pasture grass is indispensable; this grade is the best for sowing lawns. Qt. 15c., bush. [14 lbs.] \$1.75. Original 8 bush. sacks at \$1.60 bush. Special prices on larger quantities.

Canadian Blue Grass. Adapted especially to high, dry situations. Per lb. 15c., bushel of 14 lbs., \$1.60, \$9.50 per 100 lbs.

Wood Meadow Grass [Poa Nemoralis]. Particularly adapted for pleasure grounds and lawns; will grow under trees where few other grasses can exist. Lb. 35c., \$27.50 per 100 lbs.

Natural Green Grass. Forms a heavy sward, but does not retain its color as well as bluegrass. Qt. 20c., bush. [14 lbs.] \$2.00

Herd or Red Top Grass. Qt. 15c., bush. [10 lbs.] \$1.00, sack of 50 lbs. \$4.00.

Fancy Herd or Red Top. Extra re-cleaned seed [32 lbs. to bush]. Lb. 20c., 100 lbs. \$18.00.

English Rye Grass [Perennial Rye]. Qt. 15c., bush. [24 lbs.] \$2.00, five bush. lots \$1.80 per bush.

Italian Rye Grass. \$2.00 per bush. [22 lbs.], \$7.50 per 100 lbs.

Orchard Grass. For pastures, sowing under orchards or shady places. Lb. 20c., bush. [12 lbs.] \$2.00.

Crested Dogstail. An excellent grass for hard, dry soils, valuable for pastures or lawns, 25 lbs to the acre. Lb. 40c., 100 lbs. \$27.50.

Hard Fescue. Thrives well in dry situations where many other grasses fail; 30 lbs to the acre. Lb. 20c., 100 lbs. \$15.00.

Meadow Fescue. English Blue Grass. An excellent grass for permanent pasture or hay, the foliage is highly nutritious. Lb. 15c., 100 lbs. \$10.00.

Sheep's Fescue (Festuca Ovina). Sow 40 lbs. to the acre. Lb. 20c., 100 lbs. \$15.00.

Sweet Vernal (Perennial). Very fragrant. Lb. 50c., five lbs. \$2.25.

CLOVER SEED

White Dutch Clover. The best variety for lawns; remains green throughout the season; highest grade of seed only. Lb. 25c., ten lb. lots 23c. lb., 100 lbs. \$20.00.

Alsike or Swedish. Valuable for pasturage or ensilage. Lb. 15c., 100 lbs. \$12.00.

Alfalfa or Lucerne. Sow early in spring to secure a good stand before winter. Lb. 15c., bush. (60 lbs.) \$8.00, 100 lbs. \$11.00.

Bokhara Clover. Excellent for bee food. Lb. 30c., ten lbs. \$2.75.

Red Clover. The seed we offer is re-cleaned and free from weeds. Lb. 18c., bush. (60 lbs.), about \$5.50. Subject to market changes.

Scarlet or Crimson Clover. Lb. 10c., bush. \$3.25, \$5.00 per 100 lbs.

MILLET (Prices Fluctuate)

Common Millet. Qt. 15c., bush. (48 lbs.) \$1.25.

German or Golden Millet. Qt. 15c., bush. (48 lbs.) \$1.25.

Hungarian Millet. Qt. 15c., bush. (48 lbs.) \$1.25.

Egyptian or East India Pearl Millet. Grows from eight to ten feet high. Sow three to five pounds per acre. Lb. 25c., ten lbs. \$2.00.

HAVING HAD A NUMBER OF INQUIRIES FOR SEEDS
SENT OUT BY THE WELL KNOWN SEED FIRM OF

MESSRS. SUTTON & SONS, READING, ENGLAND,

We have made arrangements with that firm for some of their Leading Specialties which we will send out in Original Packets at SUTTON'S PRICES.

...VEGETABLE SEEDS...

BRUSSELS SPROUTS

Sutton's Exhibition

"A grand strain of Brussels sprouts; the stems perfectly covered with hard buttons of fine quality."—Mr. R. LYE, Sydmon Court Gardens.

25c. per original packet.

CAULIFLOWER

Sutton's First Crop

"Certainly the best Cauliflower I have ever grown for early use. I cut some excellent heads on May 16, pure white."—Mr. F. HAYLER, Gardener to C. A. PRIOLEAU, Esq.

50c. per original packet.

FRAME CUCUMBER

Sutton's Matchless

"Sutton's Matchless is the finest Cucumber I have ever grown. The length of one was 26 inches, and I have had a lot 24 inches long."—Mr. A. MYSON, Gardener to F. R. RODD Esq.

50c. per original packet.

CELERY

Sutton's White Gem

Sutton's White Gem Celery cannot be surpassed for early use. Sown in February it can be dug the first week in August.

40c. per original packet.

LETTUCE

Sutton's Favourite

"Your Favourite Cabbage Lettuce is a grand exhibition variety, very tender, and stands a long time before going to seed."—Mr. H. BUND, Gardener to Captain W. VERE HOPEGOOD.

"Sutton's Favorite Cabbage Lettuce is splendid. We have been cutting beautiful heads all through this trying summer, weighing from two to four pounds."—Mr. G. LOVELOCK, The Gardens, Normanton Park.

40c. per original packet.

Sutton's Giant

"CABBAGE LETTUCE, SUTTON'S GIANT.—Very fine Lettuces, compact, and exhibit no tendency to bolt, even in hot, dry weather. They are of capital flavour."—ACER, AMATEUR GARDENING.

"The largest and best flavoured variety I have ever grown. It was much admired."—Mr. G. TYLER, Gardener to C. A. JONES, Esq.

25c. per original packet.

MUSK MELON

Sutton's Scarlet

"The best Melon I ever grew; but little seed, very thick flesh, and the heaviest Melon for its size I have seen. Lord Ripon pronounced it to be the finest flavoured Melon he remembered tasting."—Mr. F. KNELLER, Studley Royal Gardens.

40c. per original packet.

PARSLEY

Sutton's Selected Garnishing

"Sutton's Garnishing Parsley is a picture."—Mr. A. BAKER, Gardener to Captain LEWIN.

25c. per ounce packet.

RADISH

Sutton's Earliest of All

"Your Earliest of All Radish was quite a week earlier than others sown at the same time."—Mr. A. E. GROOMBRIDGE, Gardener to the Right Hon. Lord BATEMAN.

20c. per ounce packet.

TOMATO

Sutton's Best of All

"I have grown Tomatoes for 20 years, but I have not met with anything to compare with Sutton's Best of All. Robust constitution, very free setter, splendid full-weight solid fruits the best of colour and flavour."—Mr. H. HOLLOWAY, Gardener to A. BROWN, Esq.

40c. per original packet.

...SUTTON'S FLOWER SEEDS...

ANTIRRHINUM

(Snapdragon.) Hardy perennial.

Sutton's Aurora

A pleasing and effective strain of intermediate Snapdragon, exhibiting a great variety of rich markings on a dainty salmon-rose ground. Height 15 inches.

25c. per original packet.

CALCEOLARIA

Greenhouse Annual.

Sutton's Perfection

Profusion of bloom, large and well-formed flowers, diversity and splendor of coloring, combined with a dwarf and vigorous habit, these are characteristics which have secured the supremacy of our magnificent strain of Calceolarias. To maintain its pre-eminence we continue to cross the finest flowers, and from these our seed is saved. Mixed colors.

75c. per original packet.

CINERARIA

Greenhouse Annual. Height 1 foot.

Sutton's Superb Mixed Colors

We continue to receive a great number of letters from customers, expressing astonishment and delight at the immense size splendor and variety of coloring, symmetrical form, and profusion of flowers borne by plants of our Superb Strain.

60c. per original packet.

COCKSCOMB

Sutton's Prize Dwarf

The finest strain of crimson Cockscomb in existence. "Your Prize Dwarf Cockscomb is a grand strain. I took twenty-four plants to Penrice Show, not for competition. The combs measured 35 inches from point to point, and 12 inches across. Height 6 inches."—Mr. CHAS. PLEASANTS, Gardener to THOS. PENRICE, Esq.

35c. per original packet.

GIANT CYCLAMEN

Sutton's Giant, Mixed

"The Cyclamens are splendid: the foliage extra fine, and plants in 7-inch pots have from 70 to 108 extra fine blooms which stand five inches above the foliage. I showed three pots at the meeting of the Gardeners' Association on February 26, and received a first-class Certificate for them; they were declared to be the finest specimens ever seen."—Mr. A. CAMPBELL, Gardener to the Right Hon. Lord ARDILAUN.

60c. per original packet.

A Collection of Six Varieties of Sutton's Giant Cyclamen, separate, our selection, \$2.00.

GLOXINIA

Sutton's Prize, Mixed

"No description, without being open to the charge of exaggeration, can adequately convey any idea of their beauty."—THE GARDEN. We will only add that the leaves are very handsome, and are remarkable for the manner in which they curve over and hide the pot. The erect flowers are produced with unusual freedom, and are brilliant, varied, and rich in color.

60c. per original packet.

MIGNONETTE

Sutton's Giant

One of the finest Mignonettes yet introduced; highly recommended. Height 2 feet.

"We have tried many varieties of Mignonette, but Sutton's Giant is a long way in advance of all we have seen."—Mr. J. OLIVER, Gardener to the Right Hon. the Earl of RAVENSWORTH.

25c. per original packet.

PETUNIA

Sutton's Superb, Mixed, Fringed

Exceedingly handsome free-flowering varieties; brilliant and effective in beds and borders.

35c. per original packet.

PRIMULAS

Sutton's Giant, Mixed, Fringed

This strain comprises all the most brilliant colors. The size of the flowers is the largest to be procured.

\$1.25 per original packet.

VERBENA

Sutton's Superb Bedding Mixture

"I took First Prize for twelve bunches of Verbena in a competition of fourteen stands at the Bath Autumn Show. The colors were most brilliant, and the three beds I had of them were much admired."—Mr. T. J. TATE, Gardener to W. PUMPHRY, Esq.

25c. per original packet.

NOVELTY
 ...The New Sweet Pea
 1898

PINK CUPID

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A

BED OF SWEET PEA, PINK CUPID, IN JEFFERSON CO., N. Y.

The above illustration was engraved from a photograph by THE FLORISTS' EXCHANGE, and appeared also in AMERICAN GARDENING of September 18, 1897, after a visit of the editor to one of the beds of PINK CUPID.

UNDOUBTEDLY THE
 NOVELTY FOR 1898

Dwarf Sweet Pea==Burpee's PINK CUPID

A Departure from the Popular
 "Blanche Ferry" Variety

Although the seed is now offered for sale for the first time, about seventy trial packets of ten seeds each were sent out last spring to leading horticulturists in Europe and America, from whom we have received the most gratifying reports. *Being a hardy black seeded variety it germinates freely and grows vigorously everywhere.* Sold only in sealed packets.

...INTRODUCER'S DESCRIPTION...

This little wonder hails from California, having been discovered by C. C. Morse & Co., the leading seed growers and specialists, to whom we paid *fifteen hundred dollars cash* for the exclusive ownership when there were only 1060 seeds in existence. It is *not a* sport from the original White Cupid, but an actual departure from its parent, the "*Blanche Ferry*". In habit and manner of growth it is strictly a Cupid, spreading from the root, from a foot to eighteen inches around, growing from six to eight inches high, and shooting up stems about six inches long, which bear, in full bloom at once, from *three to four handsome blossoms*, all borne close to the end of the stem.

The standard of the flower is wide, not infrequently measuring an inch and a half, but not over an inch high, being developed latterly. The standard is a bright rose-pink, while the wings are pure white or light pink. The wings are very large and finely

formed; when pressed back against the standard they extend fully a quarter of an inch beyond it.

The substance of the blossom is peculiarly heavy and it will appear fresh and vigorous in a glass of water long after its long-stemmed parent has withered and died. The plant itself is vigorous and hardy, and those who had poor or indifferent success with White Cupid will find **Burpee's PINK Cupid easy to grow anywhere.**

Though flowering early, it continues in bloom very late, bearing a profusion of blossoms so thickly as to completely hide the plant itself. It will be without a rival as a *bedding and border annual*, for its color and fragrance make it a rare novelty.

In our field crops the past season, both in California and New York, a large piece of them looks as if the ground were literally strewn with bright *pink rose-buds*. It is also delightfully fragrant and will be admired by every one who sees it.

Full size packets, each containing 24 seeds, 25c.; 5 packets for \$1.00; \$2.00 per doz. packets.
 Half " " " " 12 " 15c.; 2 " " 25c.; 10 packets for \$1.00.

SEE PAGE 35 FOR ECKFORD'S SWEET PEAS OF ALL THE VARIETIES

Fresh Tested
Reliable

FLOWER SEEDS

Strictly of the
Finest Quality

For \$1.00 select to amount of \$1.25.

For \$3.00 select to amount of \$4.00.

For \$2.00 select to amount of \$2.50.

For \$5.00 select to amount of \$6.50.

For the Convenience of Customers we have numbered all the Flower Seeds, which saves a great deal of time and labor. For instance, if you wish 1 pkt. of *Alyssum Little Gem*, order 1 pkt. No. 23, etc. Please be careful to give the correct number, as a mistake in the number would result in getting the wrong seeds.

Abronia. Trailing plants, producing clusters of sweet-scented, verberna-like flowers; effective in beds, rock-work or hanging baskets. Half hardy annuals; height, six inches.

1 **Umbellata.** Rosy lilac, with a white eye. Pkt. 5c.

Abutilon. Sown any time before April, in a temperature of sixty degrees, they will produce fine flowering plants the first season.

4 **Choice Mixed.** All colors; two to six feet high. Pkt. 15c.

Aconitum (*Monk's Hood or Wolfsbane.*) A hardy perennial, producing curiously shaped flowers in abundance.

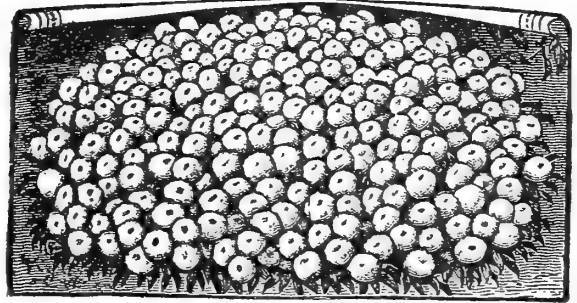
7 **Napellus.** Very pretty blue and white flowers; three feet high. Pkt. 5c.

Adonis (*Flos Adonis.*) Also known as Pheasant's Eye. Hardy annuals of easy culture, with pretty fine-cut foliage.

13 **Æstivalis.** Dark crimson flowers, with a light centre; one foot high. Pkt. 5c.

14 **Agathea Cœlestis.** Beautiful blue flowers. Pkt. 10c.

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"Carpet of Snow" Alyssum.

Alyssum

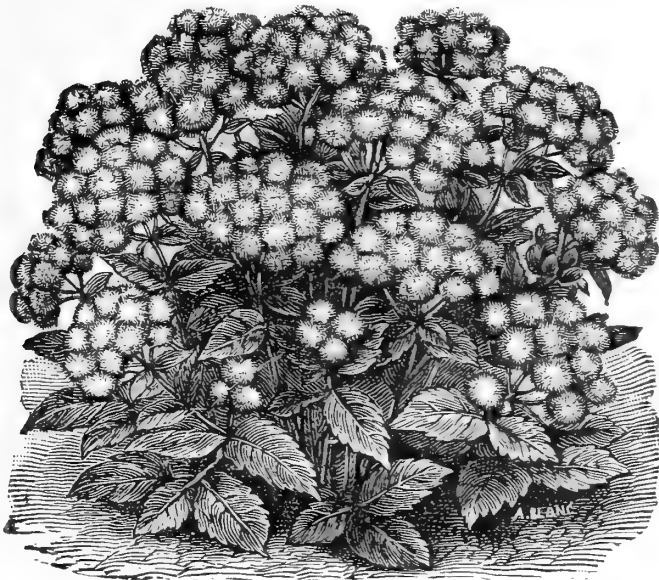
Free flowering plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

23 **Little Gem.** Of dwarf, compact habit, each plant covering a circle fifteen to thirty inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring until late in autumn. Pkt. 5c., ¼ oz. 15c., oz. 50c.

24 **Sweet Alyssum.** White. Pkt. 5c., oz. 30c.

25 **"Carpet of Snow".** Pure white, grows only 2 or 3 inches high, very spreading. 5c. per kt., 50c. per oz.

26 **Saxatile Compactum.** Showy golden yellow flowers; hardy perennial, blooms the first season; one foot high. Pkt. 5c.



Large-Flowered Dwarf Blue Ageratum.

Ageratum

For large beds or borders, in bloom all summer; half-hardy annuals.

16 **Large-Flowered Dwarf Blue.** Pkt. 5c.

17 **Large-Flowered Dwarf White.** Pkt. 5c.

18 **Large-Flowered Dwarf Mixed.** Pkt. 5c.

Ampelopsis (*Miniature Virginia Creeper or Japanese Ivy.*) A hardy perennial from Japan; leaves turn to scarlet in autumn; will adhere to brick or stone walls.

21 **Veitchi.** Pkt. 10c., oz. 30c.

Achillea. Useful for cut flowers or for placing in cemeteries; hardy perennial; eighteen inches high.

10 **Ptarmica Plena.** Pure white double flowers. Pkt. 15c.

Amaranthus (*Half-hardy annuals.*)

33 **Cruentus** (*Prince's Feather.*) Erect flowering, bright scarlet. Pkt. 5c.

34 **Caudatus** (*Love Lies Bleeding.*) Blood red, drooping; three feet high. Pkt. 5c.

35 **Gordoni or Sunrise.** Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of stalk, lower leaves having a scarlet band through centre. Three feet high. Pkt. 10c.

36 **Salicifolius** (*Fountain Plant.*) Pkt. 5c.

37 **Tricolor Splendens** (*Joseph's Coat.*) Leaves red, yellow and green; three feet high. Pkt. 5c., oz. 50c.

38 **Mixed.** All sorts. Pkt. 5c.

Anemone (*Wind Flower.*) A very pleasing hardy perennial, easily grown from seed, producing large flowers early in the spring; one foot high.

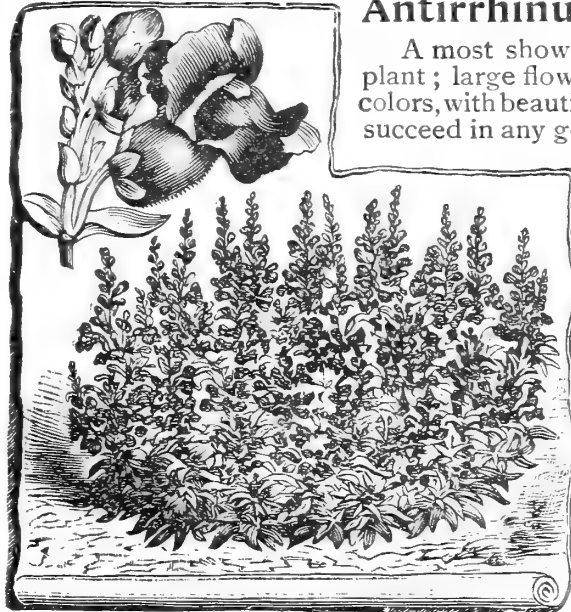
45 **Coronaria, Mixed.** Scarlet, purple, blue, white, strip'd. Pkt. 10c.

Antirrhinum

(*Snapdragon.*)

A most showy and useful border plant; large flowers of most brilliant colors, with beautifully marked throats; succeed in any good garden soil; very effective in beds; hardy perennials, blooming first year if seed is sown early. One foot high.

48 **Queen of the North.** The finest of all Snapdragons; forms an excellent plant one foot high; each plant occupies a space of 1 to 1½ feet, and is densely covered with large white flowers. A beauty for beds and borders, also valu-



Antirrhinum or Snapdragon.

able for pot culture. Pkt. 10c., ¼ oz. 25c.

49 **Dwarf Mixed.** Finest Tom Thumb. Pkt. 5c., oz. 40c.

50 **Tall Mixed.** Pkt. 5c.

51 **Imported Collections.** Ten dwarf varieties, 40c.

52 **Imported Collections.** Ten tall varieties, 40c.

Asperula. A hardy annual, with clusters of small, sweet-scented flowers; one foot high.

108 **Sweet Woodruff.** A favorite German ingredient for flavoring wine or "Maitrank". Beautiful light blue flowers. Pkt. 5c., oz. 50c.

Auricula. A well-known favorite; seed saved from splendid varieties; half-hardy perennial, six inches high.

115 **Mixed.** Pkt. 20c.



BRANCHING ASTERS (Semple's True Strain) from a photograph.

Asters (Queen Margaret)

There is no flower which combines so much beauty and variety of habit and shape, with such brilliancy and richness of color as this; it is splendid for bedding, bordering or pot culture. Give it rich soil and plenty of water for the best results. The seed we offer has been saved from the very best double flowers only.

Semple's Branching Large Flowering. Without doubt the best garden aster, produces flowers of immense size on very long stems, which make them a most desirable cut flower.

- | | | |
|----|-----------------------------|--------------------------------------|
| 88 | Semple's Bright Red. | Pkt. 10c., 1-10 oz. 30c. |
| 89 | Pure White. | Pkt. 10c., 1-10 oz. 30c. |
| 90 | Shell Pink. | Pkt. 10c., 1-10 oz. 30c. |
| 91 | Lavender. | Pkt. 10c., 1-10 oz. 30c. |
| 92 | Blue. | Pkt. 10c., 1-10 oz. 30c. |
| 87 | Choicest Mixed. | Pkt. 10c., 1/8 oz. 30c., oz. \$2.00. |

The Asters and Poppies from your seed are the finest I have ever seen.

MRS. G. H. EARLE,

Sept. 15th, 1897.

Devon, Pa.

Improved Victoria Asters

- | | | | | | |
|----|------------------------|------------------------|----|-------------------------------|------------------------|
| 63 | Blue | pkt. 10c. 1/8 oz. 30c. | 66 | Scarlet | pkt. 10c. 1/8 oz. 30c. |
| 64 | Pink | 10c. 30c. | 67 | Purple | 10c. 30c. |
| 65 | White | 10c. 30c. | 68 | Finest Mixed | 10c. 30c. |
- 70 **Dwarf Pyramidal Bouquet.** The plants form a complete bouquet of flowers. Mixed, one foot high. Pkt. 10c.
- 71 **Cocardeau or Crown.** With white centres, bordered with bright rich colors. Pkt. 10c.
- 76 **Vick's White Branching.** Very long stems, pure white, four inches in diameter. The blooms have the appearance of large and graceful Chrysanthemums. Pkt. 10c. 1/8 oz. 30c.
- 80 **Perennial Mixed.** Hardy, herbaceous plants. Pkt. 10c.
- 81 **Aster—Mignon Mixed.** Semi-dwarf; bear, when well grown, forty to fifty flowers of a beautiful shape. Pkt. 10c.
- 82 **Mignon, Pure White.** Pkt. 10c., 1/8 oz. 40c.
- 83 **Yellow Betteridge's Quilled.** The flowers being quilled and very double, show the most clearly pronounced yellow among asters. Pkt. 10c., 3 pkts. 25c.

Comet Asters



Comet Asters.

A very handsome class, resembling the popular Japanese Chrysanthemum.

- | | | | | |
|----|--------------------------------------|---|--------------------------|-----------|
| 72 | Pink and White, | pkt. 10c. \| 44 | Pure White Giant, | pkt. 10c. |
| 46 | Choicest Mixed, | all colors. Pkt. 10c., 30c. per 1/8 oz. | | |
| 73 | Dwarf Chrysanthemum-Flowered. | Mixed. Pkt. 10c. | | |
| 74 | Dwarf Queen. | Choicest mixed. Pkt. 10c., 1/8 oz. 30c. | | |
| 75 | Triumph. | The color is peculiarly brilliant, pure scarlet. Each plant bears at least thirty to forty flowers of exquisite beauty. Pkt. 10c., 3 pkts. 25c. | | |
| 78 | German Quilled, Mixed. | Perfectly double quilled flowers of beautifully mixed colors. Two feet high. Pkt. 5c., 1/4 oz. 30c. | | |
| 79 | China or German, Mixed. | Pkt. 5c., oz. 60c. | | |

Queen of the Market Extra Early Asters

Very choice class. About three weeks earlier than any other class

- | | | | | |
|----|------------------------|---|-------------------|---------------------------|
| 39 | Pure White, | pkt. 10c. \| 40 | Rich Pink, | 10c. per pkt. |
| 41 | Bright Scarlet, | pkt. 10c. \| 42 | Blue, | all shades, 10c. per pkt. |
| 43 | Choicest Mixed, | all colors, 10c. per pkt., 30c. per 1/8 oz. | | |

Jewel or Ball Shaped Asters.

A new and most beautiful class obtained from the well known "Pæony Perfection", forming perfectly round flowers.

- | | | | | |
|----|---------------------------|----------------|------------------------|-----------------------|
| 93 | Sky or Light Blue, | pkt. 10c. \| 94 | Reddish Violet, | pkt. 10c. |
| 95 | Pure White, | pkt. 10c. \| 96 | Bright Pink, | pkt. 10c. |
| 97 | Brilliant Scarlet, | pkt. 10c. \| 98 | Mixed, | all colors, pkt. 10c. |

One pkt. of each of the above, 6 pkts. in all, 50c.

HARRISBURG, Sept. 23, 1897.

The Asters seed I purchased of you last spring are doing remarkably fine. I have a house on now of the Semple's Strain. The flowers measure from four to five and a half inches across. They are as good as Chrysanthemums, and everybody who sees them says that they never saw anything like them. I have never been without blooms since June 27th from out door beds. I think it is the best all-around cut flower for summer use.

Yours respectfully,

CHAS. H. RONEY,
Gardener to James Boyd, Esq.

Truffaut's Prize Asters

Improved Pæony-Flowered. Very double, large and finely-shaped, the petals beautifully incurved. Considered the finest aster for garden or for cutting. One and a half feet.

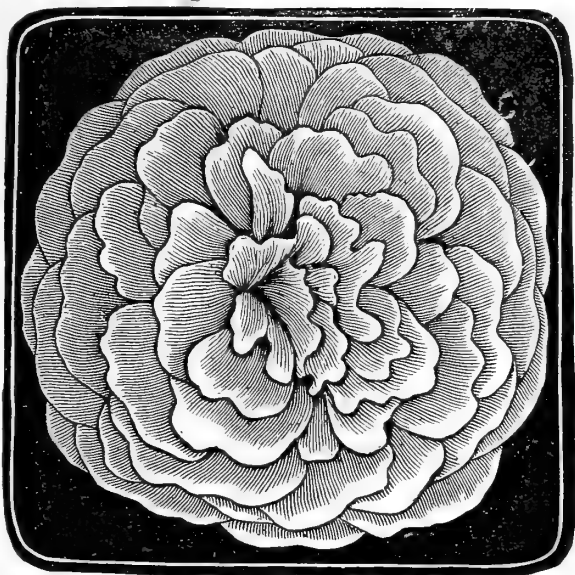
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|----|-----------------------------|------------------------|----|--------------------------------|-----------|
| 56 | Pure White | Pkt. 1/8 oz. 10c. 30c. | 59 | Glowing Crimson Scarlet | 10c. 30c. |
| 57 | Light Blue | 10 30 | 60 | Finest Mixed | 10 30 |
| 58 | Pink | 10 30 | 61 | Purple Violet | 10 40 |

Imported Collections of Asters

- | | | |
|----|---|------------------------|
| 84 | Finest Quilled. | Ten varieties, 50c. |
| 85 | Truffaut's Pæony Perfection. | Twelve varieties, 75c. |
| 86 | Victoria. | Eight varieties, 50c. |
| 77 | Pictorial Collection of 10 Best Classes, | 50c. |

Aquilegia (Columbine.)

- 100 **Chrysantha** (*Golden Spurred*). Strong grower, forming bushy plants three feet high, bearing all through the season an abundance of bright golden yellow flowers. Pkt. 10c.
- 101 **Cœrulea**. Flowers are very large, violet-blue, and inner petals pure white; two feet high. Pkt. 10c.
- 102 **Single**. All colors mixed. Pkt. 5c., oz. 30c.
- 103 **Double**. All colors mixed. Pkt. 5c., oz. 40c.



Laing's Gold Medal Tuberous-Rooted Begonia.

Balsam (*Lady Slipper or Touch-Me-Not*.)

- Improved Camellia-Flowered**. Very choice strain.
- 123 **White Perfection**. Very double. Pkt. 10c., oz. \$1.00.
- 124 **Pink**. Very double. Pkt. 10c., oz. \$1.00.
- 125 **Scarlet**. Very double. Pkt. 10c., oz. \$1.00.
- 126 **Mixed**. Choicest. Pkt. 10c., oz. \$1.00.
- 127 **Mixed**. Very fine. Pkt. 5c., oz. 50c.
- 129 **Collection**. Six varieties, each separate. Pkt. 35c.



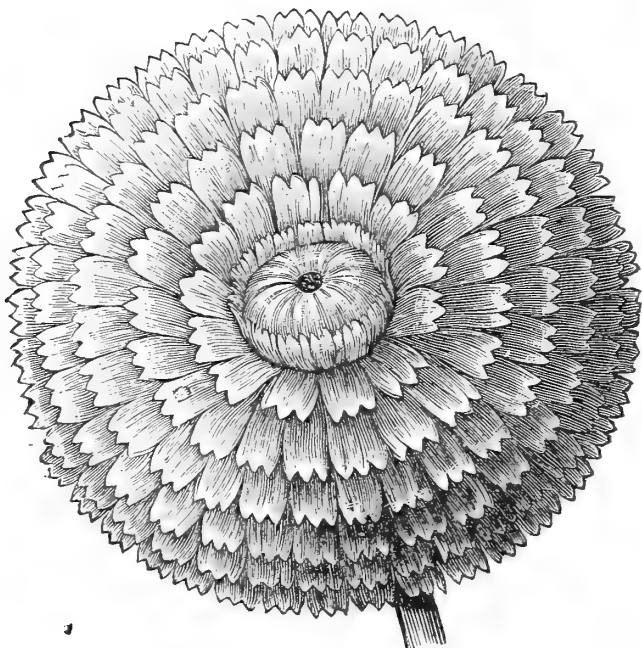
Begonia Vernon.

Begonia

- 142 **Vernon** (*Semperflorens Atropurpurea*). A splendid and remarkably effective variety, with abundant rich orange carmine flowers and bronzed-colored foliage. Very effective for bedding in masses, being covered with bloom from May until late in the autumn. Pkt. 10c.

BEGONIA—Continued.

- 149 **Queen of Carpet Bedders**. A dwarf variety of the well-known Begonia Vernon. It grows only about five inches high, forming compact, round plants, with bright red flowers and dark leaves, a most effective plant for carpet beds, etc. Pkt. 15c., 4 pkts. 50c.
- 148 **Begonia Semperflorens Compacta**. Charming new compact variety, forming small round, very compact bushes of about four to five inches in height; brilliant red flowers and deep brownish red foliage. Pkt. 15c., 4 pkts. 50c.
- 147 **Erfordi**. Beautiful variety. Pkt. 15c.
(*Tuberous-Rooted Varieties.*)
- 153 **Choicest Strain**. Single Mixed. Pkt. 25c.
- 144 **Double Mixed**. Choicest strain. Pkt. 50c.
- 145 **International Prize**. Saved from best English, French and German tuberous-rooted varieties. Pkt. of about 500 seeds 35c.
- 120 **Balloon Vine**. A favorite climber. Pkt. 5c., oz. 20c.
- 121 **Balsam Apple**. Very useful. Pkt. 5c., oz. 25c.
- Beans**. Very rapid climber; flowering profusely, and admirably adapted for covering screens, etc.
- 138 **Scarlet Runner**. Fiery scarlet. Pkt. 5c., pt. 20c.
- 139 **White Runner**. Pure white. Pkt. 5c.
- Bidens** (*Dahlia Zimapani*). A free flowering tender annual, having beautiful foliage and bearing fine and attractive flowers. One foot high.
- 159 **Atrosanguinea**. Rich dark crimson with yellow anther. Pkt. 10c.
- Brachycome** (*Swan River Daisy*). Free flowing plants, covered during the greater part of summer with a profusion of pretty Cineraria-like flowers. Half hardy annual.
- 163 **Iberidifolia Mixed**. Light blue and white. Six inches high. Pkt. 5c.
- Beet**. The ornamental-leaved beets are most useful for planting in ribbon beds or in groups.
- 155 **Red Chilian**. Brilliant red foliage. Pkt. 5c., oz. 15c.
- 156 **Yellow Chilian**. Golden yellow. Pkt. 5c., oz. 15c.
- Browallia**. One of our favorite bedding plants, covered with rich beautiful flowers during the summer and autumn months, growing freely in any rich soil; blooms finally in winter if sown in August. Half hardy annuals, eighteen inches high.
- 170 **Elata Grandiflora Cœrulea**. Large sky-blue flowers, with a white centre. Pkt. 5c.
- Campanula** (*Canterberry Bell*). Valuable for beds and borders. The perennial varieties, if sown early, will bloom the first season.
- 199 **Double Mixed**. Pkt. 5c. | 200 **Single Mixed**. Pkt. 5c.
- 201 **Cup and Saucer**. A beautiful variety. The bell or trumpet, is nearly four inches in diameter, presenting the form of a saucer, hence its name. Pkt. 10c.



Calendula (*Pot Marigold*.)

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect. One foot high.

- 175 **Grandiflora** (New). Beautiful large double yellow flowers. Pkt. 10c., oz. 40c.
 176 **Meteor**. A splendid variety; very large double-striped and imbricated flowers, of a deep orange on a pale yellow ground. Pkt. 5c., oz. 20c.
 177 **Prince of Orange**. This novelty surpasses the Calendula Meteor; the stripes around each petal are of a deep orange color, making a brilliant appearance. Pkt. 5c., oz. 30c.
 178 **Sulphurea**. Double. Very handsome sulphur yellow. Pkt. 5c., oz. 40c.

Canna (*Indian Shot Plant*.)

- 206 **Madam Crozy**. The flowers are large, of a dazzling crimson scarlet, bordered with golden yellow. Plant of dwarf habit and very free-flowering, foliage green and massive. *Seeds sown early will produce blooming plants for this summer.* Pkt. 10c., oz. 40c.
 207 **Crozy's New Dwarf**. Choicest mixed. Pkt. 5c., oz. 30c.

Canary Bird Flower

(*Tropæolum Peregrinum* or *Canariense*.)

One of the most charming climbers, bearing an abundance of bright yellow-fringed flowers. Pkt. 10c.

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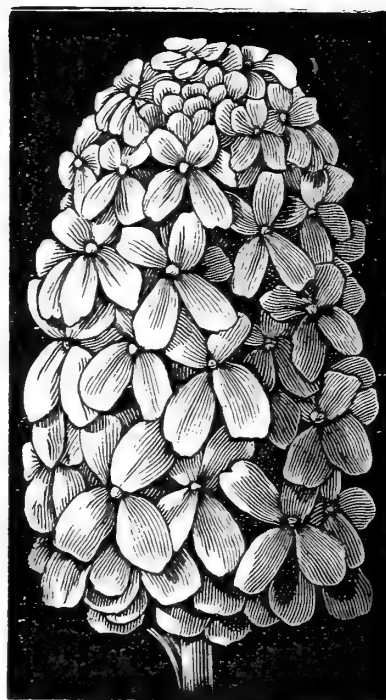


Calliopsis Golden Wave.

Calliopsis or Coreopsis

- Showy and useful free-flowering plants, of easy cultivation. Hardy annuals.
 224 **Golden Wave**. A very showy sort, with large yellow flowers, two inches in diameter. Pkt. 5c., oz. 30c.
 225 **Lanceolata**. A hardy perennial sort, bearing large flowers of a golden yellow color. Pkt. 10c., oz. 75c.
 226 **Mixed**. All the choicest kinds. Two to three feet high. Pkt. 5c., oz. 30c.

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Giant Empress Candytuft.

Candytuft (*Iberis*.)

- 183 **Empress or Snow Queen**. A complete mass of pure white flowers; immense size. Pkt. 10c., oz. 40c.
 184 **White Rocket** (*Amara*.) Large trusses of pure white flowers. Pkt. 5c., oz. 20c.
 185 **White Tom Thumb**. Grows six inches high and forms a round bush about sixteen inches in diameter, covered with large white flower-heads of great substance. Pkt. 5c., oz. 50c.
 186 **Fine Mixed**. All the above tall growing varieties; one foot high. Pkt. 5c., oz. 15c.
 187 **Sempervirens**. A profuse white blooming hardy perennial; one foot high. Pkt. 10c.
 188 **Collection of Six Annual Sorts**. Pkt. 25c.

Castor Oil Bean

(*See Ricinus*.)



Centaurea Gymnocarpa.



Centaurea Candidissima.

Centaurea (*Ornamental Foliage Sorts*.)

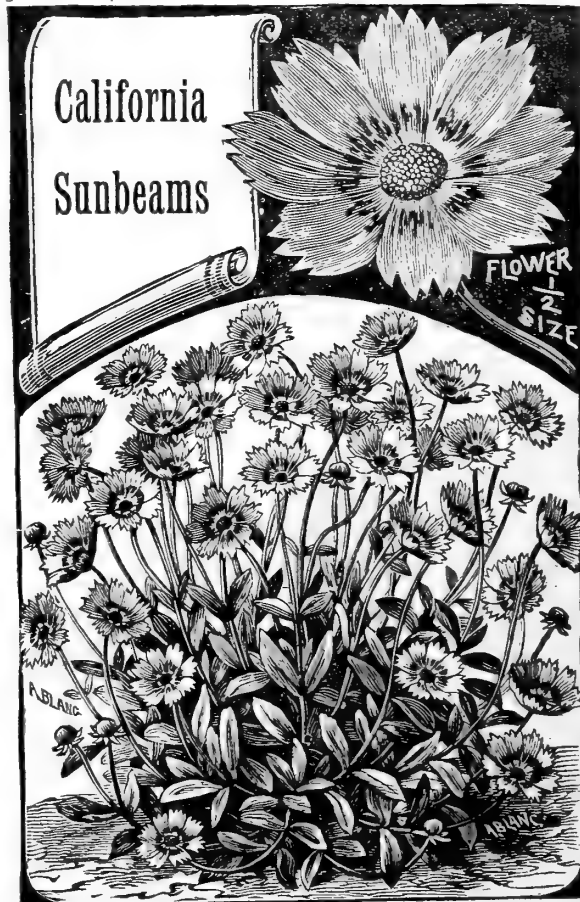
- 249 **Gymnocarpa**. Fine cut, silvery gray foliage. Pkt. 10c., 500 seeds 25c., 1000 seeds 40c.
 250 **Candidissima**. Splendid silvery, broad-cut leaves; one foot high. Pkt. 10c., 1000 seeds 75c., 500 seeds 40c.

Coreopsis

[*California Sunbeams*].

227 **Lanceolata Grandiflora**.

These lovely improved varieties are much larger than any heretofore offered; the flowers are beautifully formed: some saucer-shaped, others flat, some exquisitely incurved, while others are like great buttercups. The petals are broad, with irregularly fringed edges. Some are very light yellow, others a deeper shade, darker around the eye. Pkt. 10c.



MARGUERITE



CARNATIONS

Marguerite Carnation.
Carnation

- 231 **Marguerite.** A very beautiful class of Carnations. May be grown as an annual, the plants commencing to bloom four months after sowing in the open ground, and continuing to bloom with increasing profusion as the plants increase in size. If seed is sown in April plants commence to bloom in August. The flowers are very double and beautifully fringed, and have the sweetest and most agreeable perfume. Choicest mixed; all colors. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
- 232 **Marguerite, Double, Pure White.** Pkt. 15c.
- 238 **Marguerite, Double, Yellow (New).** Distinct. Pkt. 15c.
- 234 **Finest German.** Mixed. Pkt. 25c.
- 235 **Very Early Vienna.** Mixed. Pkt. 15c.
- 236 **Fine Mixed.** Pkt. 10c.

Calceolaria

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory.

- 218 **James' Superb Strain.** Superfine mixed. Pkt. 50c.
- 214 **Hybrida Grandiflora, Tall, Mixed.** Large flowering, completely covered with beautiful, rich, self-colored flowers; saved from choice collections; all colors. Pkt. 25c.
- 216 **Hybrida Grandiflora Pumila Compacta.** Dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self colored and spotted flowers. 1 foot high. Pkt. 40c.
- 217 **Rugosa, Mixed (Shrubby).** Small-flowering varieties for bedding; of the finest colors. Two feet high. Pkt. 50c.

Castor Oil Bean (See Ricinus.)

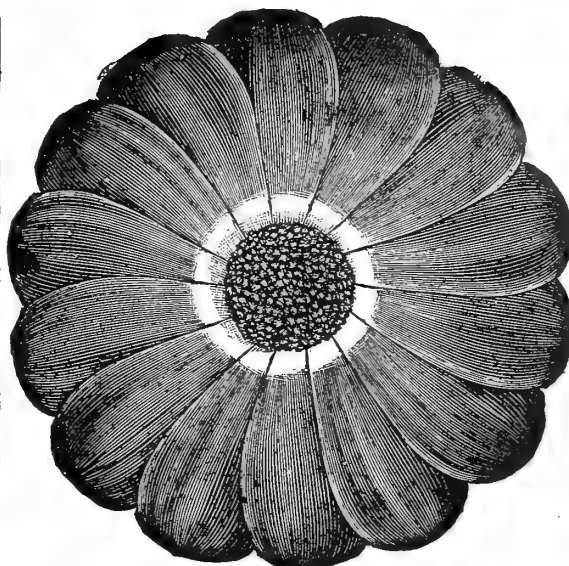
Coreopsis (See Calliopsis.)

254 **Centrosema Grandiflora.**
(Butterfly Pea)

A hardy perennial vine of rare and exquisite beauty, and absolutely new to cultivation. It blooms in June from seed sown in April, and bears profusely large, inverted, pea-shaped flowers, ranging in color from rosy violet to purple with a broad, feathered, white marking through the centre; while the large buds and back of the flowers are pure white, the stem and foliage are very graceful and of a delightful odor. It is well adapted for every garden purpose, and especially as a climber, running six to eight feet in a season. Pkt. 10c., 3 pkts. 25c.



Centrosema

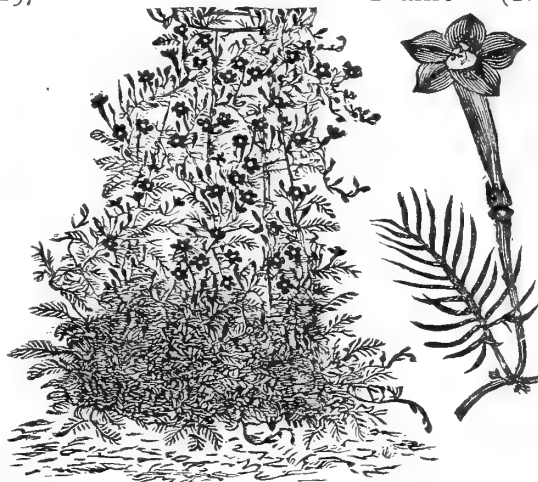


Michell's Giant Prize Cineraria.
Cineraria

Michell's
Prize
Cineraria

We have received a number of testimonials from growers stating that the flowers nearly all measured 9 to 11 inches in circumference.

- 279 **Dwarf Giant Prize.** Mixed; all colors; best sort as a pot plant. Pkt. 50c.
- 280 **Tall Giant Prize.** Mixed; desirable to grow as a decorative plant, also for cutting. Pkt. 50c.
- 278 **James' Giant Strain.** Half dwarf, mixed. Pkt. 50c.
- 276 **Prize Crimson.** Half dwarf. Pkt. 40c.
- 277 **Prize White.** Half dwarf. Pkt. 40c.
- 285 **Prize Blue.** Half dwarf. Pkt. 40c.
- 281 **Dwarf Mixed.** Very desirable, producing large heads; flower not quite as large as the "Prize." Pkt. 25c.
- 282 **Tall Mixed.** Same as above, but taller in growth. Pkt. 25c.
- 283 **Choicest Double Mixed.** Beautiful. Pkt. 50c.
- 284 **Maritima Candidissima.** White foliage, for borders. Pkt. 10c.
- 297 " " **Diamond (New).** Pkt. 20c.



Cypress
Vine

A favorite climbing vine

- 293 **White.** Pkt. 5c., oz. 25c.
- 294 **Scarlet.** Pkt. 5c., oz. 25c.
- 295 **Mixed.** Pkt. 5c., oz. 25c.

Cypress Vine.

Chrysanthemum

(Paris Daisies or Marguerites.) Showy and effective garden favorites, extensively grown for cut flowers.

- 269 **New Large White "Perfection".** Flowers nearly 5 inches across, beautiful. Pkt. 15c., 2 pkts. 25c.
- 271 **Burridgeanum Eclipse.** Crimson with white edge, and inner white circle. Pkt. 5c.
- 272 **Frutescens Grandiflorum.** The popular White Paris Daisy. Pkt. 10c.
- 273 **Segetum Grandiflorum.** Yellow Paris Daisy. Pkt. 10c.
- 270 **Choiced Mixed.** All colors. Pkt. 5c.
- 275 **Large Flowering Autumn Varieties.** Including Japanese and Chinese. Pkt. 15c.



Painted Daisy Chrysanthemum.



Cosmos New Mammoth Flowering

An autumn flowering plant. The large flowers are born profusely, and present a charming appearance when the plants are in full blossom as they wave to and fro in every passing breeze. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. If young plants are starved a little it will have the effect of bringing them into bloom earlier.

- 258 Mammoth Pure White. Pkt. 10c., oz. 75c.
- 259 Mammoth Pink. Pkt. 10c., oz. 75c.
- 260 Mammoth Red or Crimson. Pkt. 10c., oz. 75c.
- 261 Mammoth Mixed. All colors. Pkt. 5c., oz. 50c.
- 255 Yellow. Pkt. 10c., 3 pkts. 25c.
- 256 New Fringed. All colors mixed. Pkt. 15c.

See also Novelty pages for New Cosmos.



Corn Flower, Blue Bottle or Bachelor's Button

(*Centaurea Cyanus*.)

- 286 Yellow (*Suaveolens*). Pkt. 5c., oz. 25c.
- 287 Emperor William, Single Blue. Pkt. 5c., oz. 25c.
- 288 Pure White. Pkt. 5c., oz. 30c.
- 292 Pink. Large flowering. Pkt. 10c., oz. 50c.
- 289 Choice Mixed. All colors. Pkt. 5c., oz. 25c.
- 290 Double Blue. Pkt. 10c., ¼ oz. 35c.
- 291 New Dwarf Mixed. Pkt. 10c.

Cobæa Scandens

A climber of rapid growth, flowering the first season if sown early in the house or hotbed. In sowing place the seeds edgewise and merely cover them with light soil.

- 305 Purple. Pkt. 10c., oz. 60c. 306 White. Pkt. 15c.

Coleus

- 244 Choicest Selection. Mixed. Pkt. 25c.

Cocks- Comb

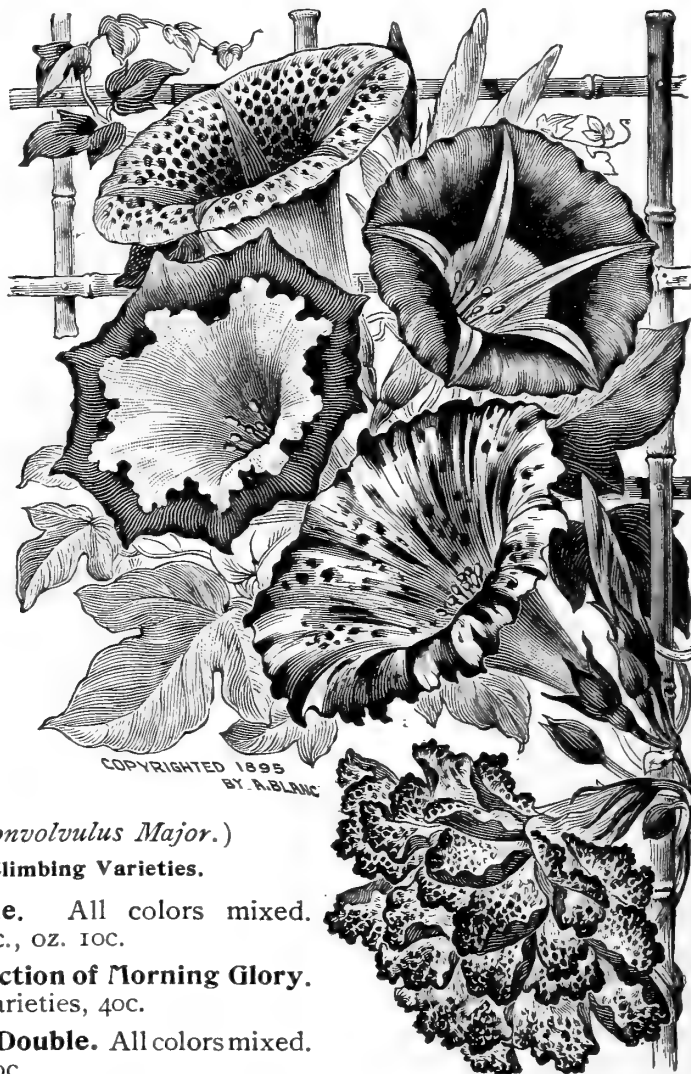


Giant Empress Celosia.

Celosia or Cockscomb

- 219 Glasgow Prize or Pres. Thiers. Pkt. 10c.
- 220 New Giant Empress. Pkt. 10c.
- 221 Plumosa (*Feathered*). Dwarf scarlet. Pkt. 10c.
- 222 Choice Mixed. Pkt. 10c.

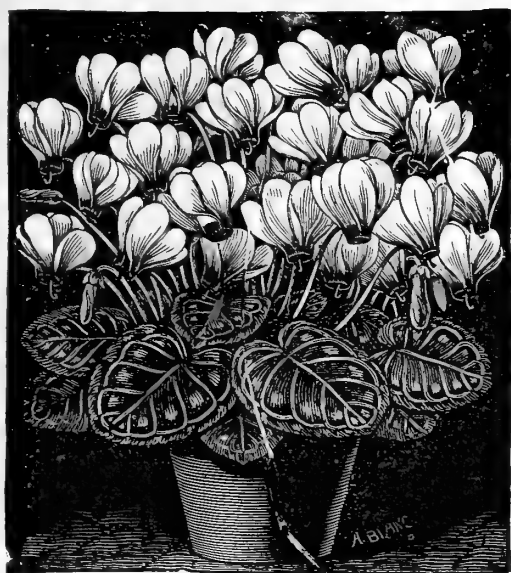
M O R N I N G G L O R Y



(*Convolvulus Major*.)

Climbing Varieties.

- 326 Single. All colors mixed. Pkt. 5c., oz. 10c.
- 327 Collection of Morning Glory. Ten varieties, 40c.
- 530 New Double. All colors mixed. Pkt. 10c.
- 524 New Imperial Japanese, Large Flowering. They are the result of long years of selection and of careful and skillful hybridization, exceedingly vigorous in growth, decorative in foliage, which is of various shades of green and silvery lustre, frequently variegated, while the flowers are nearly always of immense size, frequently six inches across, and mostly all of entirely new colors, such as ashy grays, slate color, bronzy reds, browns, shades of sea green, blues bordered with red, purples marbled with black, whites spotted with blue, flamed streaked, marbled, fringed edges and all of incomparable beauty. The double flowering sorts are really superb and can hardly be described. Pkt. 10c., 3 pkts. 25c. 75c. per oz.



Giant Cyclamen

Cyclamen Giganteum

Beautiful mottled leaves, broad petals and stout flower stalks, throwing the flowers well above the foliage.

- 309 **Rubrum.** Red. Pkt. 40c., 100 seeds \$1.25.
- 310 **Album.** White. Pkt. 40c., 100 seeds \$1.25.
- 311 **Roseum.** Pink. Pkt. 40c., 100 seeds \$1.25.
- 312 **Mixed.** Pkt. 40c., 100 seeds \$1.00.
- 314 **Persicum.** Choice mixed. Pkt. 10c.

Clematis. Soak the seed in warm water for twenty-four hours before sowing; hardy perennials; fifteen feet high.

265 **Flammula** (*Virgin's Bower.*) Producing beautiful clusters of small, white, fragrant flowers. Pkt. 10c.

266 **Jackmani Type.** Large flowering, mixed. Pkt. 20c.

CLEOME Pungens (*Giant Spider Plant.*) Singular-looking rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; annual; three feet. Pkt. 5c.

325 **Cuphea Alba.** White Cigar Plant. Pkt. 10c.

Dahlia

Tuberous-rooted half-hardy perennials; blooming the first year from seed if sown early. Protect the roots during winter in a dry cellar in sand.

330 **Large-Flowering Double.** Saved from the finest flowers. Mixed. Pkt. 10c.

332 **Collection of Six Sorts.** Each separate. Single 50c.

333 **Tom Thumb.** (*Single.*) New varieties in beautiful mixed colors; a highly interesting class of neat, compact and dwarf habit, growing about one foot in

Single Dahlias from Seed.

height, very free flowering, invaluable for cutting purposes. They bloom the first season from spring sown seeds. Pkt. 10c.

334 **Giant** (*Single.*) Very large flowers, all colors, mixed. 15c.

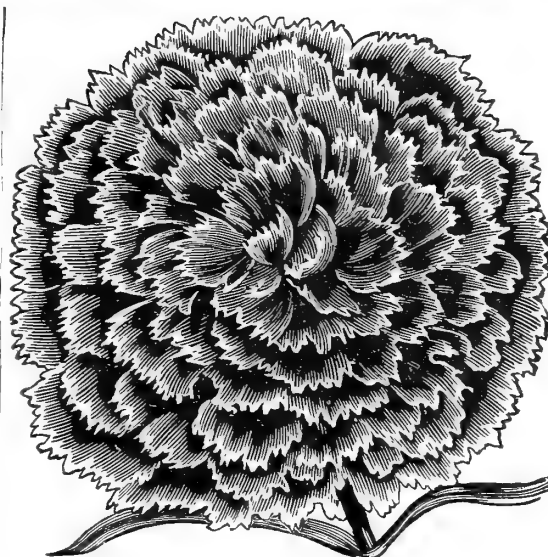
Datura (*Trumpet Flower.*) In large clumps and borders of shrubbery they produce an excellent effect, flowering the first year from seed if sown early. Half-hardy perennials, 3 feet high.

344 **Double Golden.** Pkt. 5c.

345 **Double Mixed.** Pkt. 5c.

346 **Brugmansia.** Large white fragrant trumpets. Pkt. 15c.

336 **Cornucopia Variegated.** (*New.*) Pkt. 10c., 3 pkts. 25c.



Japan Double Dianthus.

Dianthus (*Pinks.*)

Classed among the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom.

357 **Extra Double China.** Choice mixed. Pkt. 5c., oz. 30c.

358 **Choicest Double Diadem or Japan.** Mixed colors. Pkt. 10c., oz. \$1.50.

359 **Large-Flowered Fringed.** Pkt. 10c.

360 **Double Pure White.** Pkt. 5c., oz. 50c.

361 **Extra Double Scotch.** Hardy. Pkt. 15c.

362 **Single Pheasant's Eye.** Hardy. Pkt. 5c.

363 **Garden or Clove Scented.** Mixed. Pkt. 10c.

364 **Collection of China and Japan Dianthus.** Twelve varieties, each color separate. Pkt. 50c.

Dianthus

Single Sorts

368 **Eastern Queen.** Beautifully marbled. Pkt. 10c.

369 **Crimson Belle.** Crimson, very large, finely fringed. Pkt. 10c.

371 **Salmon Queen** (*New.*) Pkt. 10c.

370 **Choicest Mixed Single.** Large flowering. Pkt. 10c.

Daisy (*Bellis Perennis.*) The seed is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.



Single Pinks.

338 **Snowball.** A large and very double pure white daisy of the "Longfellow" type. The flowers are borne on long stems, and are excellent for cutting. Pkt. 10c.

339 **Longfellow.** Of unusual size, very double dark rose flower. Pkt. 10c.

340 **Mixed.** Very choice. Pkt. 10c.

Digitalis (*Foxglove.*) A handsome and highly ornamental hardy perennial.

353 **Monstroza** (*Mammoth Foxglove.*) The largest and best type; all colors mixed. Pkt. 10c.

354 **Gloxinaeflora.** Gloxinia-shaped flowers. A lovely type; all colors mixed. Pkt. 5c.

Delphinium (*Perennial Larkspur.*) Sow very early in spring or in August and September.

383 **Formosum.** Beautiful spikes of brilliant rich blue flowers with a white centre. Thirty inches high. Pkt. 10c.

374 **Nudicaule.** Spikes of bright scarlet flowers. Pkt. 10c.

376 **Zalil.** Beautiful sulphur yellow. Pkt. 10c.

375 **Hybrid Mixed.** Pkt. 10c. See also *Larkspur.*

379 **Dictamnus** (*Fraxinella.*) A hardy perennial, fragrant, free-flowering, herbaceous plant. Pkt. 10c.

380 **Dracæna Indivisa.** For vases. Pkt. 10c., oz. 60c.



Helichrysum (Straw Flower).

Straw Flowers

Everlastings

- 383 **Acroclinium**. Double-flowering. Pkt. 10c.
 384 **Acroclinium**. Single-flowering. Pkt. 5c.
 385 **Ammobium Alatum Grandiflorum**. Pkt. 5c.
 390 **Helichrysum Monstrosum**. Choice mixed. Pkt. 5c.
 391 **Rhodanthe**. Choice mixed. Pkt. 5c.
 392 **Statice Suworowi**. Pkt. 10c.
 393 **Xeranthemum Superb. Fl. Pl.** Mixed. Pkt. 10c.
 394 **Collection** as above, one pkt. each for 40c.

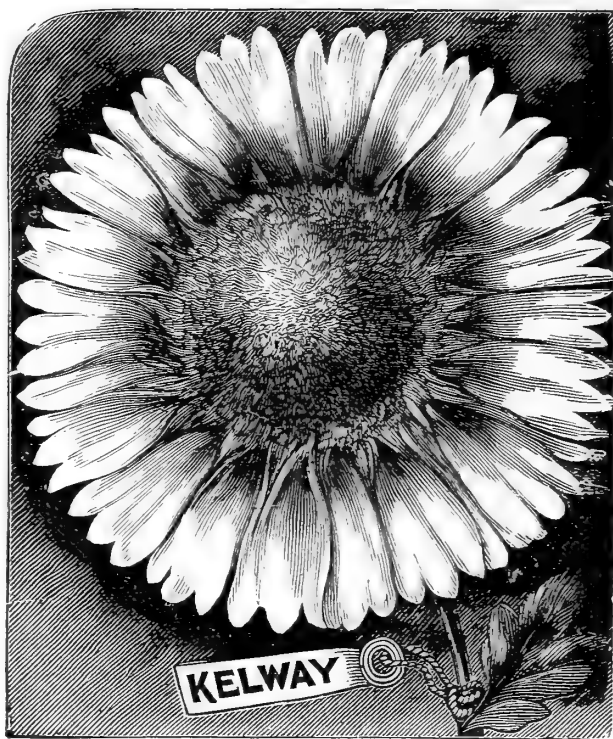
California Poppies



Eschscholtzia

[California Poppy.]

- 401 **White**. Hardy annual. Pkt. 5c.
 402 **Orange**. Hardy annual. Pkt. 5c., oz. 25c.
 403 **Mandarin**. Hardy annual. Pkt. 10c.
 404 **Cardinal Rose**. Hardy annual. Pkt. 10c.
 405 **Choice Mixed**. Hardy annual. Pkt. 5c., oz. 25c.
 406 **New Giant "Hunnemania"**. Yellow, 2½ feet. Pkt. 15c.
 397 **Eupatorium** [Fraseri]. Herbaceous hardy perennial, blooming the first season from seed, producing clusters of white flowers. Pkt. 10c.
 409 **Euphorbia** [Variegated Snow on the Mountain]. Attractive foliage, with white and green bracts on the tips of each branch, veined and margined with white. Pkt. 5c.
 410 **Heterophylla** [Mexican Fire Plant, Painted Leaf]. Pkt. 5c.
Feverfew [Matricaria Eximia]. Free-flowering herbaceous plants succeeding in any garden soil; hardy annual eighteen inches.
 413 **Grandiflora, Double White** [M. Eximia]. Pkt. 10c.
 422 **Freesia** [Refracta Alba]. Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant. Pkt. 15c.
Foxglove. [See Digitalis.]
Forget-Me-Not. [See Myosotis.]
 426 **Fuchsia** [Lady's Ear Drop]. Mixed. All colors. Pkt. 15c.



G A I L L A R D I A

Gaillardia

Splendid bedding plants, continuing in beauty during the summer and autumn; half-hardy annuals.

- 451 **Picta Mixed**. Pkt. 5c., oz. 20c.
 452 **Picta Lorenziana**. Called the double variety on account of the fullness of the flower. Pkt. 5c., oz. 60c.
Hardy Perennial Gaillardias. Will bloom the first season if sown early.
 454 **"James Kelway," New Perpetual Blooming**. A beautiful giant flowering Gaillardia from Europe, with magnificent flowers, measuring five or six inches across, of the brightest scarlet, with a golden margin and fringed edges. A most persistent and perpetual bloomer. Pkt. 15c., four pkts. 50c.
 453 **Grandiflora Superba**. The most beautiful of all the Gaillardias; choice mixed, all colors. Pkt. 10c., oz. 75c.

- 433 **Geranium—Zonale, Mixed**. A superb strain of the largest and finest varieties; mixed colors. Pkt. 10c.
 434 **Apple Scented**. Sow in light soil, and keep moist until they germinate. Pkt. 10c.
 436 **Gentiana** [Blue Gentian]. A charming hardy perennial. Pkt. 10c.

Gomphrena [Globe Amaranth Bachelor Button].

- 386 **White**. Pkt. 5c.
 387 **Orange**. Pkt. 5c.
 388 **Red**. Pkt. 5c.
 389 **Mixed**. Pkt. 5c.

Gesneria. A beautiful hothouse, bulbous-rooted plant, producing brilliant colored flowers; requires a light, rich soil.

- 439 **Mixed**. Pkt. 25c.

Glaucium [Horn Poppy]. An ornamental foliage plant, recurved, silvery leaves, deeply cut to the rib. Flowers are orange yellow, bell-shaped and drooping; hardy biennial, two feet high.

- 447 **Corniculatum**. Pkt. 5c., oz. 50c.

Golden Feather. [See Pyrethrum.]

Godetia. An attractive hardy annual. The plants bloom profusely, and bear showy flowers of rich and varied colors.

- 473 **Choice Mixed**. Pkt. 5c.
 474 **Gloriosa** (New). Satiny blood red. Pkt. 10c.

Gourd [Cucurbita].

- 477 **Calabash** [The Dipper]. Pkt. 5c.
 478 **Hercules' Club**. Club-shaped. Pkt. 5c.
 479 **Egg-Shaped**. Fruit white like an egg. Pkt. 5c.
 480 **Orange-Shaped, or Mock Orange**. Pkt. 5c.
 481 **Luffa** [Dish Rag or Bonnet Gourd]. Pkt. 10c.
 482 **Tricosanthes** [True Serpent Gourd]. Pkt. 5c.
 483 **Fine Mixed**. From a large collection. Pkt. 5c., oz. 20.



GLOXINIA

Gloxinia. (*Grassifolia Grandiflora*)

- 442 **International Mixture.** The best strain in existence, embracing all the choicest self and tigered flowers. Pkt. 25c.
443 "**Princess Maud**", New Mammoth. Pkt. 25c.

Grasses—Ornamental

Cut when in full bloom, tie in small bunches and hang up in a dry, dark place, with heads down. Sow in May and transplant.

- 459 **Arundo Donax** (*New Zealand Pampas*). Pkt. 10c.
460 **Avena Sterilis** (*Animated Oats*). Pkt. 5c.
461 **Briza Maxima** (*Quaking or Rattlesnake Grass*). Pkt. 5c.
462 **Bromus Brizaeformis**. Pkt. 5c.
463 **Coix Lachrymæ** (*Job's Tears*). Pkt. 5c.
464 **Eulalia Japonica**. Pkt. 5c.
465 **Gynerium Argenteum** (*Pampas Grass*). Pkt. 10c.
466 **Hordeum Jubatum** (*Squirrel Tail*). Pkt. 5c.
467 **Pennisetum Longistylum**. Pkt. 5c.
468 **Stipa Pennata** (*Feather Grass*). Pkt. 10c.
469 The above collection, one pkt. of each, 50c.

- 485 **Grevillea Robusta.** A very beautiful and graceful decorative plant, with fernlike foliage; excellent for decorations. Pkt. 10c.

Gypsophila. Pretty, free-flowering, elegant plants for baskets, edgings and borders; succeeding in any garden soil.

- 489 **Paniculata.** White flowers, beautiful for bouquets, imparting a light, airy appearance; hardy perennial; two feet. Pkt. 5c.

Helianthus or Sunflower



Oscar Wilde Sunflower.

- 498 **Stella** (New). Very large single flowers. Pkt. 10c.
493 **Oscar Wilde.** Single yellow with black centre. Pkt. 5c.
494 **Dwarf Double.** Pkt. 5c.
495 **Cucumerifolius Single.** Pkt. 5c.
496 **Double Globe.** Pkt. 5c.
497 **Mammoth Russian.** Pkt. 5c., qt. 10c.

Hibiscus

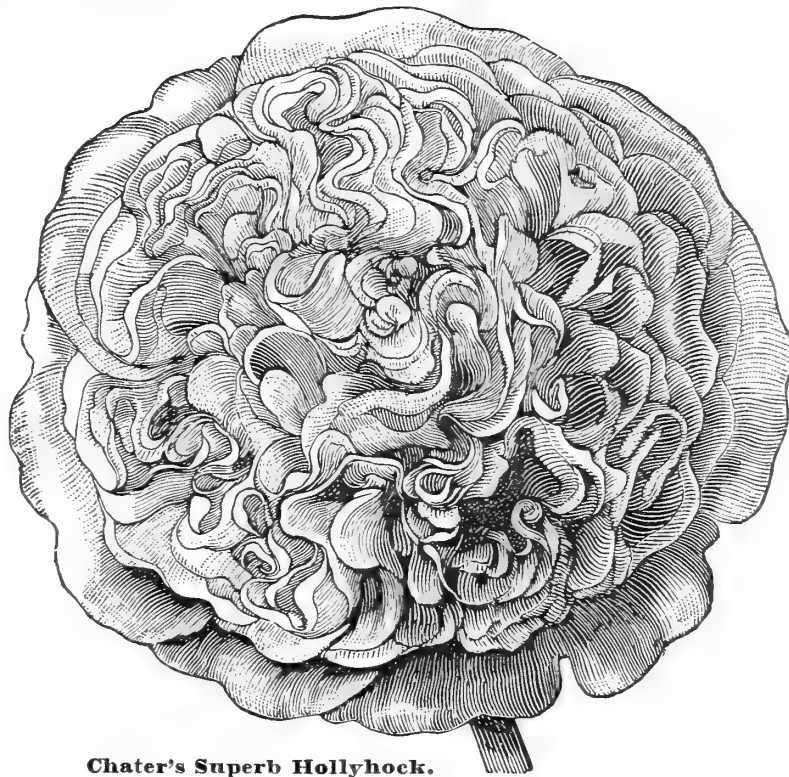
Showy ornamental plants for mixed beds or shrubbery borders.

- 501 **Palustris.** Large pink flowers; hardy perennial; three feet high. Pkt. 5c.
502 **Crimson Eye.** (New). Pkt. 10c.

HELIOTROPE

Seeds sown in the Spring will make fine plants for Summer blooming.

- 514 **Giant Hybrids Lemoines.** Produces extra large flower spikes in abundance. Pkt. 15c., 2 pks. 25c.
515 **Mixed.** Pkt. 10c. | 516 **Collection** of six sorts. Pkt. 40c.



Chater's Superb Hollyhock.

Hollyhock (*Chater's Improved.*)

Our seed has been saved from the best-named varieties. Seed sown in June and July will flower the following Summer; hardy.

"**Allegheny**" (New). Beautiful fringed large flowers. Choicest mixed of all colors. Pkt. 15c., 4 pks. for 50c.

- 504 **Pink.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.25.
505 **White.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.00.
506 **Red.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.25.
507 **Yellow.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.25.
508 **Salmon.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.25.
509 **Mixed.** Extra Double. Pkt. 10c., 1/4 oz. 30c., oz. \$1.00.
511 **Chater's Collection.** Twelve colors, each separate, \$1.00.
612 " " Six colors, each color separate, 50c.

Hyacinth Bean—(*Dolichos.*)

A rapid growing plant for covering arbors, trellises, etc.

- 519 **Mixed.** All colors. Pkt. 5c., oz. 10c.
520 **New Yellow.** Pkt. 10c., 3 for 25c.



Impatiens Sultani

- 523 Of compact neat habit of growth, and almost a perpetual bloomer. The flowers are of a brilliant rosy-scarlet color, about one and one-half inches in diameter. Pkt. 15c.

Ipomœa (*Large Morning Glory*)

- 524 **New Imperial, Mixed.** Pkt. 10c., 3 pks. 25c.
526 **Grandiflora Superba.** Large blue flower, with broad white border. Pkt. 5c., oz. 20c.
528 **Mixed.** All colors. Pkt. 5c., oz. 15c.
527 **Noctiflora.** (*Moon Flower*). Pkt. 10c., oz. 60c.

531 **Japanese Hop Vine** (*Humulus Japonicus*). A very ornamental and fast growing climbing plant. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat, but retains its fresh color until late in the summer. Pkt. 10c.

532 **Variegated Japanese Hop Vine**. Pkt. 10c.

535 **Kenilworth Ivy** (*Linaria Cymbalaria*). A charming small, neat trailing plant, suitable for baskets, vases, pots and rock work. Pkt. 10c.

Lantana. One of the most desirable bedding plants, constantly in bloom.

538 **Mixed Colors**. Pkt. 10c.

Lavender. An aromatic plant, the leaves and flowers of which are dried and used for scenting clothing, rooms, etc.

541 **Blue**. Pkt. 5c.

Larkspur Annual Sorts.

544 **Dwarf Double Rocket**. Mixed colors. Pkt. 5c., oz. 25c.

545 **Tall Stock Flowered**. Mixed colors. Pkt. 5c., oz. 25c.

 For Perennial Larkspur, see *Delphinium*.

Lobelia.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. For hanging baskets, pot culture, or bedding.

548 **Barnard's Perpetual**. One of the finest Lobelias grown. Brilliant blue flowers, with white blotch. Highly recommended for pots, vases or bedding. Pkt. 15c., 4 pkts. 50c.

549 **Crystal Palace Compacta**. A densely compact miniature variety, which, during the summer months, is studded with rich deep blue flowers, forming a perfect ball. Best for borders. Pkt. 10c.

550 **Emperor William**. A very compact variety, with fine, sky-blue flowers. Pkt. 10c.

551 **Crystal Palace Speciosa**. Of trailing growth; flowers of a superb ultramarine blue. Pkt. 10c.

558 **Double Flowering**. Compact bushes covered with rich deep blue double flowers. Pkt. 15c.

552 **Royal Purple**. Very rich violet purple without any trace of blue, very effective thus showing off its clear white eye. Pkt. 10c.

553 **Gracilis**. A favorite trailing blue sort. Pkt. 5c.

554 **White Gem**. Forms a perfect ball of snow-white flowers; very charming appearance. Pkt. 10c.

556 **Mixed**. All colors. Annual. Pkt. 5c.

555 **Cardinalis** (*Cardinal Flower*). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early. Pkt. 10c.

561 **Linum** (*Scarlet Flax*). One of the most effective and showy bedding plants; hardy annual; one foot high. Pkt. 5c., oz. 20c.

564 **Lily of the Valley—Convallaria Majalis**. Lovely plants, bearing pure white fragrant bell shaped flowers. Pkt. 10c.

565 **Lophospermum Scandens**. Splendid climber. Pkt. 10c.

Lychnis. Handsome plants for massing in beds and borders, blooming the first year if sown early; hardy perennials.

568 **Haageana Mixed**. One foot high. Pkt. 10c.

Lupinus. [*Sun Dials*.] The seeds should be sown where they are to bloom, as they do not transplant well.

572 **Mixed**. All colors of annual varieties. Two feet high. Pkt. 5c., oz. 15c.

575 **Marvel of Peru** (*Four o'clocks*).—**Choice Mixed**. Pkt. 5c., oz. 15c.

592 **Maize—Striped-Leaved Japanese**. An ornamental corn, beautifully striped with green and white. Pkt. 5c., oz. 15c.

Mimulus (*Monkey Flower*). Showy, profuse flowering plants. Fine for greenhouse, or moist shady situations.

619 **Tigrinus, Choice Mixed**. The finest tigered and spotted varieties, rivaling the *Calceolaria* in its brightness. Pkt. 10c.

620 **Moschatus** (*Musk Plant*). Fine for hanging baskets, etc., small yellow flowers, fragrant foliage. Six inches high. Pkt. 10c.



MARIGOLD

Marigold (*Tagetes*).

587 **Legion of Honour** ("Little Brownie"). Single flowering, compact bushes; six inches high. Begins flowering extremely early. The flowers are golden yellow, marked with a large spot of crimson velvet. Pkt. 5c.

579 **Gold Nugget**. Dwarf. Immense double flowers of a shade of golden yellow, resembling Australian gold. Pkt. 10c., oz. 40c.

580 **El Dorado**. The flowers are three to four inches in diameter, perfectly imbricated and double. Pkt. 10., oz. 40c.

581 **Lemon Yellow**. Large flowering, very showy. Pkt. 5c.

582 **Large African**. Tall, double, orange brown and yellow mixed. Two feet high. Pkt. 5c., oz. 30c.


583 **Dwarf French**. Mixed; double. 1 ft. high. Pkt. 5c., oz. 40c.

584 **Double Pulchra**. The plants grow only twelve inches high; the numerous bright flowers stand out in bold relief. Each flower is perfectly double, of rich golden yellow with deep velvety-brown centre. Pkt. 10c.

585 **Collection Dwarf Marigold**, 6 varieties, 25c.

586 **Collection of Large African Marigolds**, 6 varieties, 25c.

588 **Gold Ring**. Beautiful rich red single flowers with a gold ring around each petal. Pkt. 10c.

 See also *Calendula* and *Tagetes*.

Mignonette (*Reseda Odorata*).

626 **Golden Machel**, (New). Large spikes. Pkt. 10c.

627 **Machel or French**. Without doubt the best as well as the sweetest sort in existence. Pkt. 10c., oz. 75c.

628 **Allen's Defiance**. The largest of all. Pkt. 10c.

638 **Quaker City**. The flower spikes are of great substance. Rounded at the top, of a handsome gold-red color, and unusually rich, sweet fragrance. Pkt. 10c., 1/4 oz. 25c.

629 **Bird's Mammoth**. Pkt. 10c. oz. \$1.00.

630 **Miles Hybrid Spiral**. Of dwarf, branching habit, with spikes from eight to ten inches long. Pkt. 5c., oz. 50c.

631 **Parson's White**. Large spikes, very fragrant. Pkt. 5c.

633 **Golden Queen**. Very attractive golden yellow. Pkt. 10c., oz. 25c.

634 **Sweet Scented**. Pkt. 5c., oz. 15c.

632 **Gabriele**. Pkt. 10c., oz. 75c.

635 **Grandiflora**. Plants pyramidal. Pkt. 5c., oz. 30c.

637 **Eloise Francois**. Giant spikes. Pkt. 10c., 1/4 oz. 30c.

636 **Collection of Mignonette**, ten varieties. Pkt. 50c.



Machel Mignonette.

Maurandia

A most beautiful climber of rapid and slender growth, producing an abundance of pretty, tube-shaped flowers, which continue to bloom until late in fall. Ten feet high,

- 595 **Pink.** Pkt. 10c.
 596 **Barclayana.** Purple. Pkt. 10c.
 597 **White.** Pkt. 10c.
 598 **Mixed.** All colors. Pkt. 10c.

Mesembryanthemum (Ice Plant).

- 602 **Crystallinum, White.** Pkt. 5c.
 603 **Cordifolium Variegatum.** Pkt. 10c.

Moon Flower (Ipomœa).

- 527 **Noctiflora.** Blooms the first season from seed. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, five to six inches in diameter. It grows very rapidly, and will cover a large surface. Pkt. 10c., oz. 60c.
 522 **Heavenly Blue.** Flowers four to five inches across, in large clusters of light blue with a yellow throat. This climber is so completely covered with bloom as to almost cover the foliage. It is also a splendid conservatory climber. Pkt. 15c.



Myosotis (Forget-Me-Not).

Neat and beautiful little plants, succeeding best in a shady, moist situation. Half-hardy perennials, blooming the first year from seed, if sown early.

- 607 **Alpestris Victoria.** Of bushy habit, bearing large, bright blue flowers. The plant attains a diameter of eight to ten inches, and when fully grown is globular in shape and perfectly covered with flowers. Pkt. 10c., oz. \$4.00.
 608 **Alpestris Cœrulea (Alpine.)** Bright blue. Pkt. 10c.
 609 **Eliza Fanrobert.** The most robust grower; specially adapted for outdoor growing; flowers very large, blue. Pkt. 10c., oz. 15c.
 614 **Distinction (New).** The earliest of all. Pkt. 15c.
 610 **Dissitiflora.** Compact habit; pinkish blue. An attractive bedding plant; six inches high. Pkt. 10c.
 611 **Palustris Semperflorens.** The most desirable sort for cutting or greenhouse use. Pkt. 10c.
 612 **Mixed.** All sorts. Pkt. 5c.

Mimosa Pudica. [See Sensitive Plant.]

Morning Glory. [See Convolvulus and Ipomœa.]

- 625 **Musa Ensete, Banana.** Fresh seed. Pkt. 10 seeds, 25c.
Nierembergia Gracilis. Half-hardy perennial, perpetually in bloom, flowering the first year if sown early; desirable for baskets or vases; one foot high.

- 644 **White.** Tinted with lilac. Pkt. 10c.
 647 **Nicotiana Affinis (Ornamental Tobacco).** A very pretty large-flowering species of tobacco, producing large, pure white, fragrant flowers. Pkt. 5c.

Nemophila. Of neat, compact habit; plant in a rather cool, shady place, and in not too rich a soil; hardy annuals; one foot high.

- 650 **Insignis.** Bright blue flowers, white centre. Pkt. 5c.
Nolana. Desirable plants for hanging baskets, bearing bell-shaped flowers. 654 **Mixed.** Pkt. 5c.

Oxalis

Beautiful small plants, suitable for the greenhouse, baskets or outdoor culture; flowering the first year if sown early; half-hardy perennial.

- 662 **Mixed.** Pkt. 10c.
 663 **Tropæoloides.** Very desirable border plant, foliage dark copper color. Pkt. 10c., ¼ oz. 50c.

Oenothera (Evening Primrose or Sundrops).

- 658 **Hardy Annual.** Mixed colors. Pkt. 5c.

Pinks. [See Dianthus.]

- 704 **Perilla (Nank. Atrop. Laciniatus).** Very showy bronze foliage, adapted for large beds. Pkt. 5c.
 705 **Pelargonium.** (Lady Washington Geranium). Grand plants for pot culture, colors are rich in the extreme and beautifully marked. Height, 1 to 2 feet. Finest mixed. Pkt. 25c.

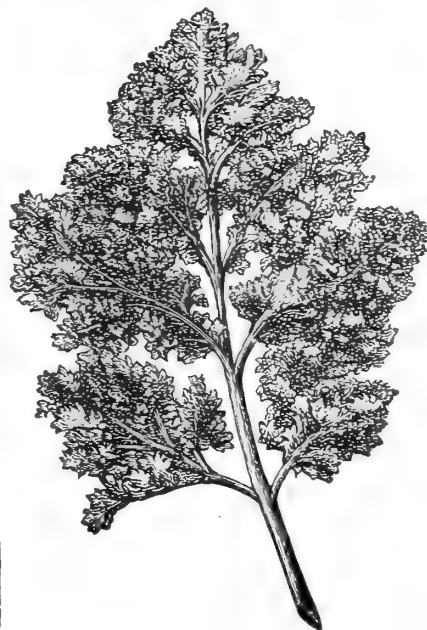
Portulaca

Must be sown in sandy soil, in a sunny situation.

- 769 **Choicest Mixed Single.** All colors. Pkt. 5c., oz. 35c.
 770 **Choicest Mixed Double.** Pkt. 10c., ⅓ oz. 50c.

Polyanthus. These rank among the prettiest of plants for borders, rockeries, etc. When once established they grow in any common soil, but they succeed best in rich soil, and a position somewhat moist and shaded.

- 774 **Choicest English Mixed.** Including the gold laced. Pkt. 15c.
 775 **Double Mixed (Hose in Hose).** Pkt. 15c.



Golden Feather.

Pyrethrum [Feverfew].

Yellow Foliage Sorts for Bedding.

- 778 **Aureum [Golden Feather]**
 Best for edging. Pkt. 10c., oz. 80c.
 779 **Selaginoides [Fern Leaf-ed].** Pkt. 10c.

Flowering Sorts (Perennial).

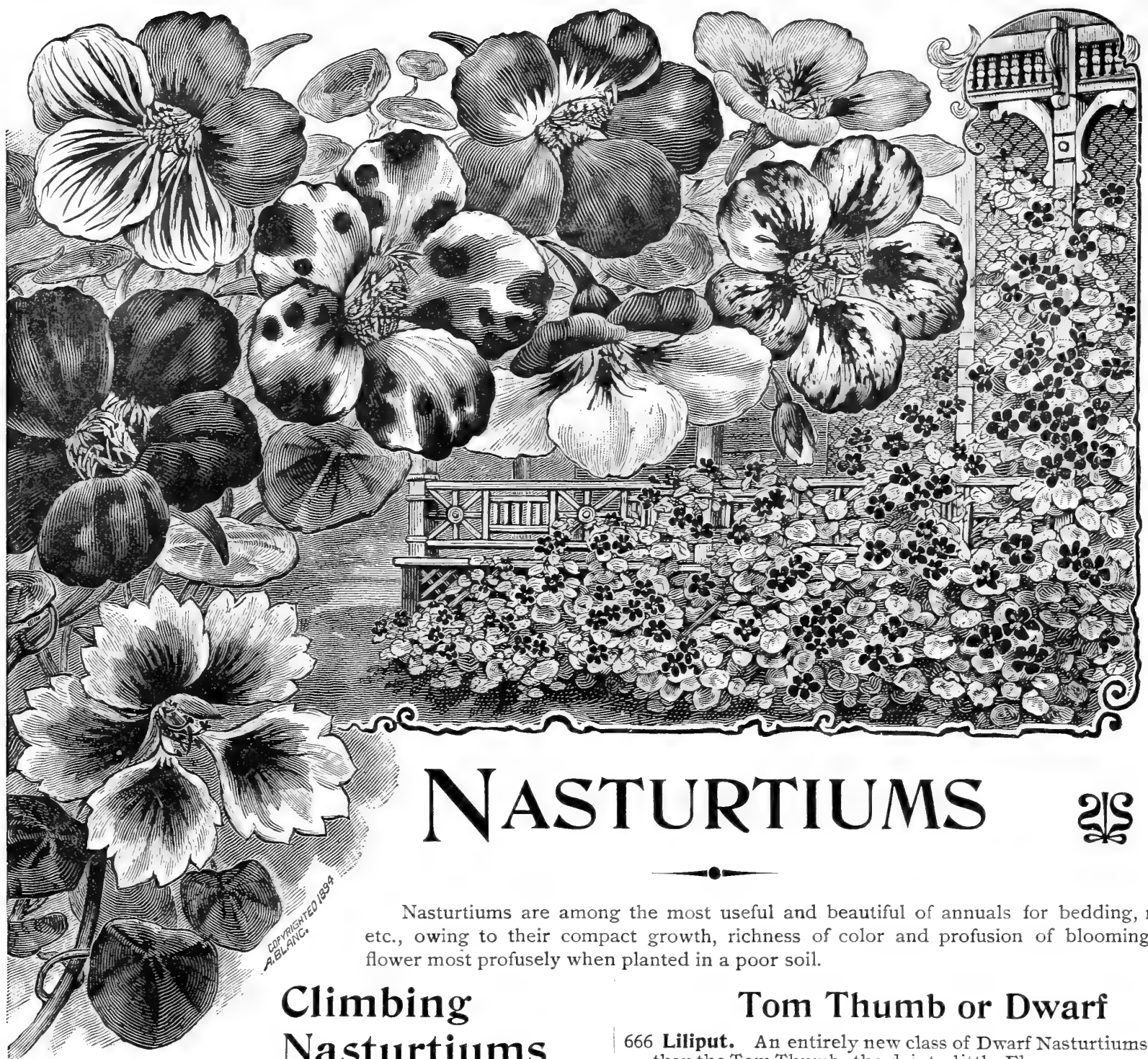
- 780 **Hybridum.** Hardy perennial bearing large flowers ranging in color from light pink to deep red; bright yellow centres; one of the prettiest and best of hardy plants; two feet high. Pkt. 10c.
 781 **Roseum [Dalmatian, or Persian Insect Powder Plant]**
 Flowers bright rose, of large size. Pkt. 10c.
 782 **Uliginosum.** Giant white daisy. Pkt. 10c.

Passiflora.

(Passion Flower.)

- 700 **Southern Beauty.** Beautiful climber, hardy, with protection blooms profusely; colors blue, white, pink and red, in mixture. Pkt. 10c., 3 for 25c.



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NASTURTIIUMS



Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blooming. They flower most profusely when planted in a poor soil.

Climbing Nasturtiums

Specially adapted for trellises, verandas, vases and hanging baskets.

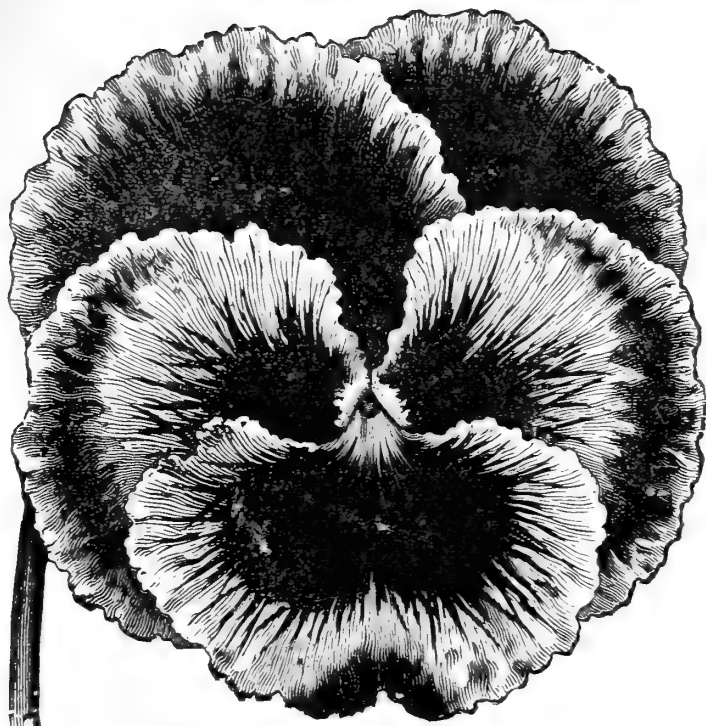
- 685 **Madam Gunther's Hybrids.** For richness and variety of colors these new hybrids have no equals among Nasturtiums. The foliage is mostly dark, contrasts very effectively with the rich colors. They are climbers and are free and continuous bloomers. Pkt. 10c., oz. 30c.
 686 **Crimson.** Pkt. 5c., oz. 20c.
 687 **Violet.** Pkt. 5c., oz. 20c.
 688 **Straw-Colored Striped.** Pkt. 5c., oz. 20c.
 689 **Orange.** Pkt. 5c., oz. 20c.
 690 **King Theodore.** Dark foliage and almost black flowers. Pkt. 5c., oz. 25c.
 691 **Scarlet.** Pkt. 5c., oz. 20c.
 692 **Mixed.** All colors. Pkt. 5c., oz. 15c., lb. \$1.25.
 693 **Collection of Climbing Nasturtiums, 12 varieties** 50c.
 694 **Lobbianum, Choice Mixed.** Especially adapted for greenhouse or conservatory. Pkt. 5c., oz. 35c.
 695 **Spitfire, Bright Crimson.** Pkt. 10c., oz. 40c.

New Climbing Nasturtium

- 684 **"Vesuvius."** The most lively colors of all yet known and admired sorts of *Tropaeolum Majus* are still by far surpassed through this novelty. The color is a dazzling fiery-rose, may be termed the most effective and brilliant of all large flowering Nasturtiums. Pkt. 10c., 3 pkts. for 25c.

Tom Thumb or Dwarf

- 666 **Liliput.** An entirely new class of Dwarf Nasturtiums, smaller than the Tom Thumb, the dainty little Flowers are produced in the greatest profusion, well above the small bushy foliage. The seed is much smaller than the one in the Tom Thumb Nasturtiums and similar to that of the Lobbianum section, the best evidence that we have an entirely new break in the *Tropaeolum* family. All colors in choicest mixture. Pkt. 10c., oz. 50c.
 667 **Aurora.** A new dwarf. The plant forms a perfect globe and is literally covered with yellow, blotched with crimson flowers, completely hiding the foliage when in full bloom. Pkt. 5c., oz. 25c.
 668 **Ladybird.** A new and distinct sort. The ground color is a rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming. Pkt. 5c., oz. 25c.
 669 **Scarlet.** Pkt. 5c., oz. 25c. 670 **Yellow.** Pkt. 5c., oz. 25c.
 671 **Pearl.** Pkt. 5c., oz. 25c. 672 **Spotted.** Pkt. 5c., oz. 25c.
 673 **King Theodore.** Almost black. Pkt. 5c., oz. 25c.
 674 **Pink.** Pkt. 5c., oz. 25c.
 675 **Golden King.** Deep golden yellow flowers. Pkt. 5c., oz. 25c.
 676 **Empress of India.** Splendid new dwarf variety, with very dark leaves and crimson flowers. Pkt. 5c., oz. 25c.
 677 **Cloth of Gold.** Beautiful for borders or edging. Foliage bright golden yellow; flowers scarlet. Pkt. 5c., oz. 25c.
 678 **Dwarf or Tom Thumb Mixed.** All colors. Pkt. 5c., oz. 15c., 1/4 lb. 35c., lb. \$1.25.
 679 **Collection of Dwarf Nasturtiums, 12 varieties, each color separate,** 50c.



Michell's Giant Exhibition Pansy.

Pansy

- 746 **Michell's Giant Exhibition Pansy.** In mixture. A strain which we have secured from one of the leading pansy specialists in Germany, to which we added the cream of the Paris strain, also the choicest to be had from Scotland. It can be relied on to give flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 25c., $\frac{1}{2}$ trade pkt. 50c. $\frac{1}{8}$ oz. \$1.00.
- 748 **Bugnot's and Cassier's Mammoth French Mixed.** Pkt. 25c., $\frac{1}{8}$ oz. \$1.00.
- 749 **Trimardeau [True].** Excellent large flowers, each petal blotched; choice mixture. Pkt. 15c., four pkts. 50c.
- 744 **Giant White.** Pkt. 25c.
- 745 **Giant Yellow.** Pkt. 25c.
- 750 **Ne Plus Ultra.** Immense flowers of the most beautiful colors. Pkt. 25c., three pkts. 60c.
- 751 **Odier [Five Blotched].** A beautiful strain of various-colored, large, handsome, perfectly formed flowers. Pkt. 15c.
- 752 **Finest Mixed Imported.** Pkt. 10c., oz. \$1.50.
- 753 **Very Fine Mixed.** All colors. Pkt. 5c., oz. \$1.00.

Pansies in Separate Colors

Selected seed from the first crop of blooms true to color and of large size.

- 754 **Lord Beaconsfield.** Violet and white. Pkt. 10c., oz. \$1.25.
- 755 **Faust [King of the Blacks].** Pkt. 10c., oz. \$1.00.
- 756 **Emperor William.** Ultramarine blue. Pkt. 10c., oz. \$1.00.
- 757 **Belgian Striped.** Pkt. 10c., oz. \$1.00.
- 757 **Mahogany Color.** Pkt. 10c., oz. \$1.00.
- 758 **Snow Queen.** Very large, satiny white. Pkt. 10c., oz. \$1.00.
- 759 **Yellow Gem.** Pure yellow, without eye. Pkt. 10c., oz. \$1.00.
- 760 **Gold Margined.** Pkt. 10c., oz. \$1.00.
- 761 **Silver-Edged.** Pkt. 10c., oz. \$1.00.
- 762 **Blue.** Pkt. 10c., oz. \$1.00.
- 763 **Yellow.** Pkt. 10c., oz. \$1.00.
- 766 **Havana Brown.** Pkt. 10c., oz. \$1.00.
- 764 **Collection of choice imported Pansies, each color separate.** Six varieties. Pkt. 40c.
- 765 **Collection of twelve varieties** 75c.
- 768 **"Freya" (New).** Rich violet, white border. 15c.
- 771 **"Pres. Carnot" (New).** Very rich purple. 15c.
- 772 **"New Parisian".** Large flowers, mixed. 15c.



Petunia

- 731 **Giants of California.** Most of the flowers are exquisitely fringed on the edges, and of enormous dimensions (four to five inches across) but their great merits lie in the varieties of colors, blotchings and stripings. Pkt. 25c., five pkts. \$1.00.
- 733 **Large-flowering Fringed, Mottled and Striped.** Finest strain of single petunias procurable. Pkt. 20c., $\frac{1}{8}$ oz. \$1.00.
- 734 **Hybrida Nana Compacta Multiflora ("The Star").** Dwarf habit and profuse bloomer, eight inches high. Pkt. 10c.
- 740 **Pure White.** Pkt. 10c.
- 735 **Very Choice Mixed.** Blotched and striped. Pkt. 10c., oz. \$1.00.
- 736 **Fine Mixed.** All colors. Pkt. 5c., oz. 60c.
- 737 **Collection of large-flowering single petunias, six varieties, 50c.**
- 738 **Collection of Large Flowering, single.** Twelve varieties \$1.00.



Double-Fringed Petunia.

- 732 **Double-Fringed and Hybridized.** Selected and hybridized with the greatest of care, and can be relied upon to produce a large percentage of double flowers of bright colors. Pkt. 25c., five pkts. \$1.00.

Pentstemon

- 706 **Beautiful half hardy, herbaceous plants.** Choice mixed. 10c. per pkt.



*
PHLOX
*

Phlox Drummondii

A very hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the phlox.

Grandiflora Varieties

GROWN BY A SPECIALIST

- 708 **Alba, Pure White..** Excellent for cutting. Pkt. 10c., oz. \$1.00.
- 709 **Coccinea.** Scarlet. Pkt. 10c., oz. \$1.00.
- 710 **Striped.** Brilliant scarlet striped with white. Pkt. 10c.
- 711 **Pink.** Delicate and bright shades. Pkt. 10c.
- 712 **Stellata Splendens.** Brilliant red, with large white star. Pkt. 10c.
- 715 **Collection** of twelve varieties. Pkt. 75c.
- 713 **Choice mixed.** Contains twenty-five colors. Pkt. 10c., oz. 75c.
- 714 **Very Fine mixed.** Pkt. 5c., oz. 60c.

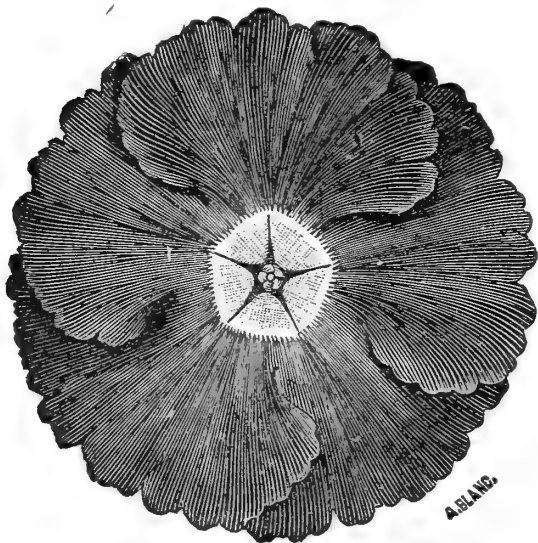
Dwarf or Compact Varieties

(Strictly True.)

- 719 **Snowball.** Pure white. Pkt. 15c., 1/8 oz. 50c.
- 720 **Fireball.** Brilliant scarlet. Pkt. 15c., 1/8 oz. 50c.
- 721 **Pink.** Beautiful shade. Pkt. 15c., 1/8 oz. 50c.
- 722 **Scarlet.** Striped with white. Pkt. 15c., 1/8 oz. 50c.
- 724 **Choicest mixed.** Dwarf. Pkt. 10c., oz. \$2.50.
- 723 **Double White.** A profuse bloomer. Pkt. 10c.
- 729 **"Blue Star" (New).** Rich blue flowers with a large white centre. Very dwarf. Pkt. 10c.

Phlox—Other Varieties

- 725 **Double Scarlet.** Pkt. 10c.
- 726 **Frimbriata [Star of Quedlinburgh].** Entirely distinct from the other type of phlox. Each petal is elongated and pointed. Beautiful colors in mixture. Pkt. 10c.
- 727 **Hardy Phlox [Phlox Decussata].** These rank among the finest herbaceous perennials for beds and borders; mixture of the finest flowers. Pkt. 10c.
- 728 **Double Yellow [New].** Pkt. 10c.



Chinese Primrose

Michell's Prize Fringed Primula.

Primula [Sinesis Frimbriata—Chinese Primrose].

- 794 **Michell's Prize mixture.** Grown by a primula specialist, who has received prizes wherever he has exhibited the plants. The seed is of crop of 1895, and can be relied upon. Pkt. 25c., 1/2 oz. \$1.00, 1/8 oz. \$3.75.

PRIMULA—Continued.

- 795 **Williams' Superb Strain.** The finest English mixture; can be relied upon to produce satisfactory results. Pkt. 40c.
- 796 **Kermessina Splendens.** Brilliant red with yellow centre. Pkt. 25c.
- 797 **Holborn Blue.** Fully fifty per cent. will come blue if given warmer treatment than other sorts. Pkt. 40c.
- 798 **Alba Magnifica.** Trusses of very large white flowers with a showy citron eye. Pkt. 40c.
- 799 **Collections** containing eight separate varieties, all fringed and named. Pkt. 75c.
- 800 **Fern Leaved, choice mixed.** Pkt. 25c.

Double Primrose

- 804 **Pure White.** Pkt. 50c. 805 **Choice mixed.** Pkt. 50c.

Primula—Other Sorts

- 808 **Primula Floribunda.** One of the most attractive. Producing very fragrant flowers in abundance. Treatment similar to Primula Obconica. Pkt. 25c.
- 809 **Obconica Grandiflora.** Flowers much larger than the old variety, excellent for cut flowers or pot plant. Pkt. 15c.

Hardy Primrose

- 811 **Primula Veris [English Cowslip].** Flowers of different colors, yellow, brown and yellow edged, etc., very fragrant. Pkt. 10c.
- 813 **Primula Vulgaris.** The common hardy English variety, light canary yellow color. Pkt. 10c.

- 791 **Rosa Rugosa (Japanese).** One of the handsomest in cultivation. Forms a sturdy bush four to five feet high, covered with dark green glossy foliage, crowned with large single roses three inches in diameter, borne in clusters of ten to twelve flowers. The flowers are of bright rosy crimson, followed by large handsome scarlet fruit during the autumn months. Pkt. 25c.

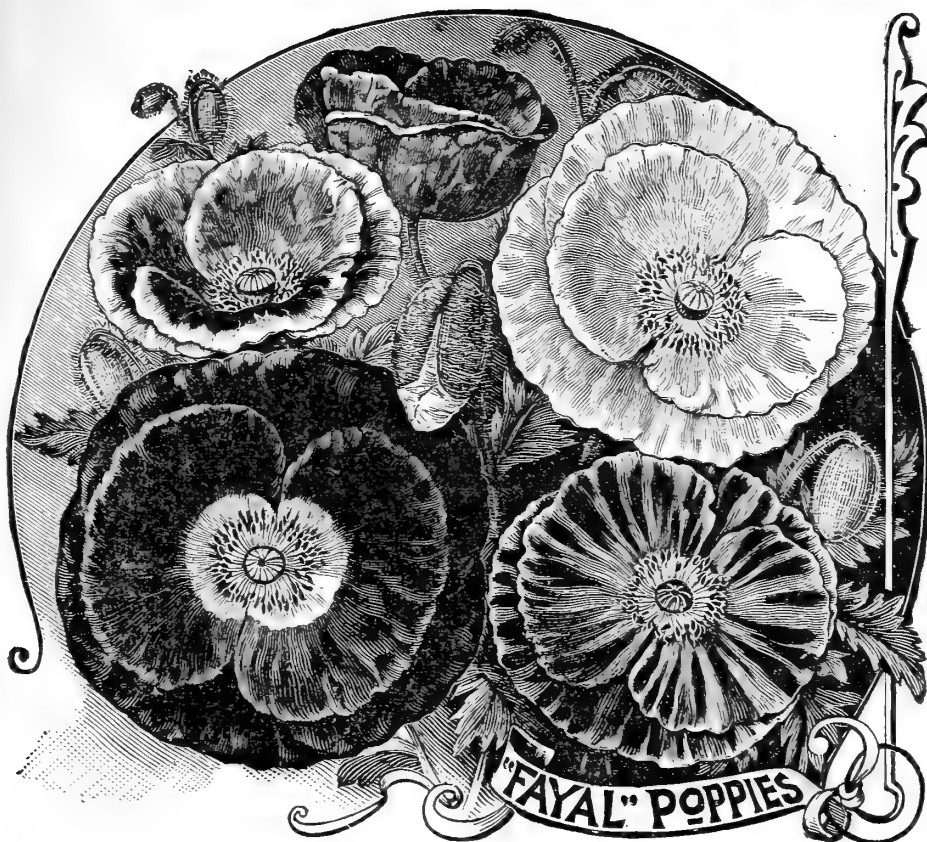
Schizanthus [Butterfly Flower].

- 847 **Papilionaceus mixed.** One of the finest annuals in cultivation. The flowers are as handsome as some of the orchids, and productive continually. Pkt. 5c.

- 792 **Rose—Hybrid Polyantha or Fairy.** These beautiful little roses are borne in large clusters, and will flower throughout the summer until frost, from seed sown early in the spring. Flowers are of various colors, most of them double, although a few of them will come semi-double and single. *Mixed colors. Pkt. 15c.

Silene [Catchfly].

- Adapted for beds, borders or ribbon-gardening; of easy culture, growing in any garden soil; hardy annual; one foot high.
- 861 **Mixed.** Producing charming flowers in profusion. Pkt. 5c.
- 862 **Pendula.** Beautiful pink flowers—excellent for cutting. Pkt. 10c.



Poppy

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps and mixed borders. They are of very easy culture, and succeed in any garden soil; the seed should be sown where it is to remain, as they do not stand transplanting.

Single Varieties (Annual).

- 826 **New Fayal.** The seeds of these poppies came originally from the Fayal Islands. They are charming dwarf poppies, double and single; like crinkled tissue paper and are very imaginable poppy color, deepest red, terra cotta, salmon, exquisite pink, snowy white, pink and gray. Pkt. 15c., 4 pkts. for 50c.
- 817 **Shirley Poppies.** These charming poppies are generally single or semi-double. The range of color extends from pure white, through the most delicate shades of pale pink, rose and carmine, to deepest crimson. The blooms, if cut when young, will stand for several days without drooping. Pkt. 5c., oz. 50c.
- 818 **Umbrosum.** Rich vermillion with a deep shining dark purple spot. Pkt. 5c., oz. 50c.
- 819 **Danebrog.** Flowers of a brilliant scarlet, bearing a silvery white spot on each of the four petals, resembling a cross. Pkt. 5c., oz. 40c.
- 827 **Iceland Mixed.** The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. The profusion of flowers is really astonishing. They are very fine cut flowers and will last a week if cut as soon as they are open. Mixed Colors. Pkt. 10c., three pkts. for 25c.

ICELAND



Oriental Perennial Poppy.

SINGLE ANNUAL POPPIES.—Continued.

- 831 **Tulip Poppy.** No adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass of this magnificent poppy when the plants are in full bloom, the color being, even when seen from a distance, of such a glowing scarlet as to perfectly dazzle the eye, suggesting at once a bed of scarlet tulips. The plants grow about fourteen inches high, and produce from fifty to sixty flowers, well above the foliage. Pkt. 10c.

Double Varieties (Annual).

- 825 **Mikado.** Striped Japanese. Very handsome. Pkt. 10c.
- 820 **Crimson King.** Flowers perfectly double and round as a ball. A charming effect can be made by sowing this variety and Snowdrift. Pkt. 10c.
- 821 **Snowdrift.** Pure snow-white, very double, of large size and perfectly round. This is the best double white variety yet offered. Pkt. 10c.
- 822 **Fairy Blush.** Very double pink flowers, elegantly fringed. Pkt. 10c.
- 823 **Paeony-flowered.** Large and very double; mixed colors. Pkt. 5c., oz. 20c.
- 824 **Imported Collections** of Dwarf Double Poppies, six varieties 25c.

Poppy, Perennial Sorts

This class of poppies has become one of the most popular flowers of late, so that no garden is complete without them. Seed can be sown early in the spring and they will bloom the first season. Seeds can also be sown in August and September in the open ground and they will bloom early the following summer.

- 828 **Giant Orange.** Pkt. 10c., three for 25c.
- 829 **Giant Scarlet.** Pkt. 10c., three for 25c.
- 830 **Collection** of eight varieties. Each color separate. 40c.
- 832 **Oriental Hybrids Mixed.** Extra choice strain. 10c. per pkt., 3 pkts. for 25c.

Ricinus [Castor Oil Bean].

Stately, strong-growing plants, with very ornamental foliage, particularly well adapted as centre plants of groups of cannas, Japanese maize, caladiums, dahlias, etc. Height, four to fifteen feet.

- 785 **Cambodensis.** This new sort grows from six to eight feet high, with large, palm-like leaves of the darkest bronzy maroon; stalk and stem nearly black. Very effective. Pkt. 10c., oz. 40c.
- 786 **Borboniensis Arboreus.** Very large and beautiful foliage; fifteen feet high. Pkt. 5c., oz. 20c.
- 787 **Gibsoni or Duchess of Edinburgh.** Dwarf branching habit, deep red foliage: five feet high. Pkt. 5c., oz. 25c.
- 788 **Sanguineus.** Blood-red stalks and clusters of red fruit; eight feet high. Pkt. 5c., oz. 20c.
- 790 **Mixed.** All sorts. Pkt. 5c., oz. 15c.
- 789 **Zanzibariensis (Palma Christi).** An entirely new and distinct class. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves, which range from a brilliant coppery bronze to light and dark green; the ribs also are of bright colors and contrast nicely with the leaves. Pkt. 5c., oz. 30c.

Solanum (Jerusalem Cherry)

A very useful pot plant for winter decoration, of a dwarf branching habit; leaves small and oval-shaped; bearing in the greatest profusion bright scarlet globular berries. Very ornamental.

- 865 **Hendersoni.** One foot. Pkt. 10c.

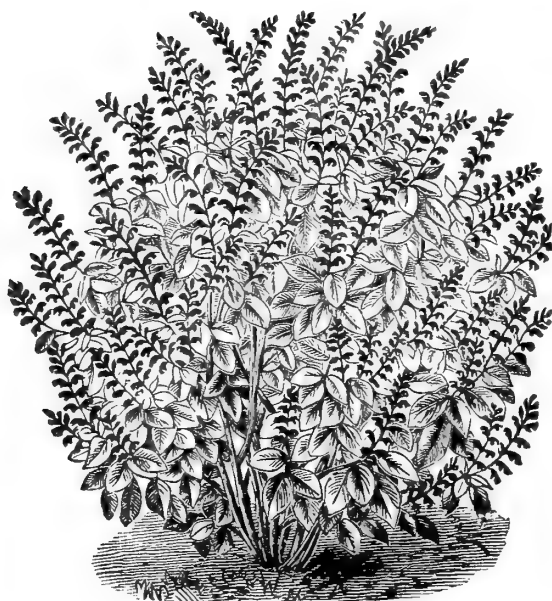
Sensitive Plant (Mimosa Pudica).

- 850 Curious and interesting plants, with pinkish-white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand. Pkt. 5c.

Castor Bean



Ricinus Cambodensis (Castor Oil Bean).

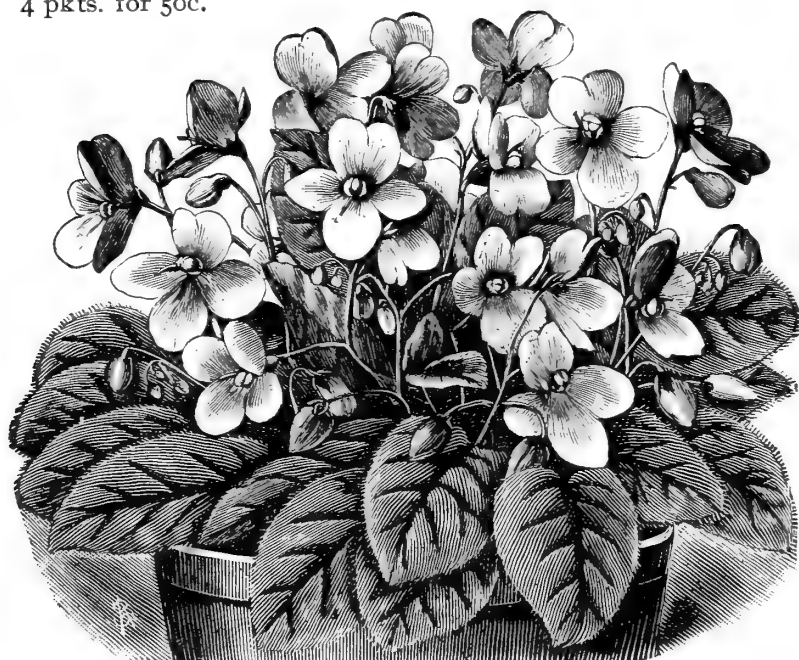


Scarlet Sage

Salvia (Scarlet Sage)

A favorite bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; three feet high.

- 836 **Splendens** (*Scarlet Sage*). Bright Scarlet. Pkt. 10c., $\frac{1}{4}$ oz. 50c.
 837 **Coccinea**. Very free flowering, brilliant scarlet. Pkt. 5c.
 838 **Clara Bedman** (*New Dwarf*). One of the showiest and most brilliant in existence; its habit is very dwarf and has twice as many flowers on the plant at one time as Splendens. Pkt. 15c., 4 pkts. 50c.
 839 **Patens**. Rich blue. Pkt. 15c.
 840 **Bonfire**. The finest yet introduced, very compact, only 2½ ft. high, produces very large scarlet flower spikes. Pkt. 15c., $\frac{1}{8}$ oz. 50c.
 841 **Golden Foliage** (*New*). Brilliant scarlet flowers. Pkt. 15c., 4 pkts. for 50c.



Saintpaulia Ionantha

- 875 The leaves are dark green; flowers, violet-like both in color and shape, but one and a quarter inches in diameter, and gracefully borne on stalks two to three inches high. The plant is of neat and compact habit. Pkt. 25c.

Salpiglossis

A class of highly ornamental autumn flowering plants with beautifully veined and tinted funnel-shaped flowers similar to a fancy Petunia, rendering them very effective in beds and borders. A very choice annual, eighteen inches high.

- 842 **Grandiflora**. Fine mixture of new large-flowering varieties. Pkt. 5c.
 843 **Collection** of six separate colors of the large-flowering varieties. Pkt. 30c.

Sedum (*Stone Crop*).

- 853 A pretty and useful little plant, growing freely on rockwork, hanging baskets, etc.; mixed colors and varieties; hardy perennial; three inches high. Pkt. 10c.

Smilax

- 858 Soak the seed for twenty-four hours in warm water before sowing. Pkt. 10c., oz. 50c., lb. \$4.00.

Stevia Serrata

- 864 Free-blooming plant, bearing a multitude of fragrant white flowers; suitable for summer or winter blooming. Pkt. 10c.

Scabiosa (*Mourning Bride*).

One of the handsomest summer plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets; hardy annuals.

- 877 **Grandiflora** (*New*). Enormous size, very double flowers of brilliant colors. Mixed 10c. per pkt., 3 pkts. for 25c.
 884 **Caucasica**. One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet. Pkt. 10c.
 883 **Dwarf Mixed**. Double, all colors, one foot high. Pkt. 5c., oz. 25c.
 878 **Double White**. Pkt. 5c., oz. 25c.
 879 **Double Blue**. Pkt. 5c., oz. 30c.
 880 **Double Pink**. Pkt. 5c., oz. 30c.
 881 **Double Red**. Pkt. 5c., oz. 30c. | 882 **Double Yellow**. Pkt. 5c.



STOCKS

STOCKS

Stocks

- 885 **Princess Alice** (*Cut and Come Again*). Perpetual blooming, growing about two feet high. If sown early, it commences blooming in June and continues until destroyed by frost. It throws out numerous side branches bearing clusters of very double, pure white fragrant blossoms, and is excellent for cutting. Pkt. 10c., $\frac{1}{8}$ oz. 50c.

Ten-Week Stocks (*Large-flowering Dwarf Sorts*.)

Very desirable as a pot plant or for outdoors. The seed we send out is from pot-grown plants, therefore will produce at least seventy per cent. of large double flowers. For early flowering, start the seeds in a greenhouse or hotbed, and transplant into the garden in May after all danger of frost is over; half-hardy annual.

- 887 **White**. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 888 **Blood-Red**. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 889 **Blue and Purple**. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 890 **Pink**. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 895 **Mixed**. All colors. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 891 **Snowflake**. Best white for pot culture. Pkt. 15c.
 892 **Wallflower-leaved, Mixed**. Pkt. 10c.
 897 **Wallflower-leaved, White**. Pkt. 10c.
 899 **Wallflower-leaved, Blood-Red**. Pkt. 10c.
 893 **Intermediate Blooming**. Choice mixed. Pkt. 10c.
 894 **East Lothian**. Choice mixed. Pkt. 15c.
 896 **Collection** of eight varieties; ten-week stocks. Pkt. 50c.

Virginian Stock

- 898 **Mixed**. All colors. Pkt. 5c.

Sweet William (*Dianthus Barbatus*).

A well known plant which has been greatly improved of late years producing splendid effect in beds and shrubbery; hardy perennial; 1½ feet high.

- 867 **Auricula-flowered, Mixed**. A beautiful class of "eyed" single varieties, all colors. Pkt. 5c., oz. 40c.
 868 **Double Mixed**. The finest colors saved from a splendid double collection. Pkt. 10c., oz. \$1.00.

Sweet Sultan

- 873 **Choice Mixed**. Pkt. 5c., oz. 25c.

NEW CROP 1897...

MICHELL'S SELECTED

"GILT EDGE"

ECKFORD'S....

LARGE FLOWERING

....SWEET PEAS



PRICE OF SWEET PEAS

MICHELL'S SELECTED "Gilt Edge" ECKFORD'S large flowering in choicest mixture made up by ourselves of only the brightest colors and large flowering sorts. 5c. per pkt., 10c. per oz., 20c. per 1/4 lb. 60c. per lb., 5 lbs. for \$2.50.

VERY CHOICE MIXED as received from our grower. 15c. per 1/4 lb., 25c. per 1/2 lb., 40c. per lb.

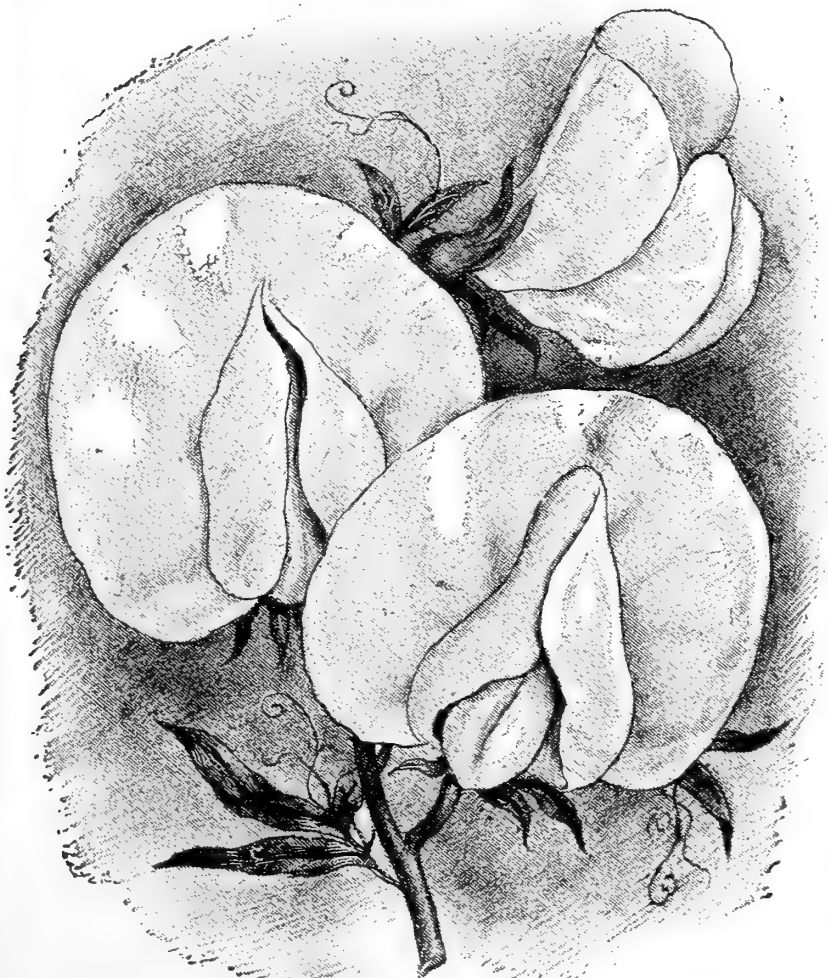
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W.A.B. & CO

All the separate named varieties, except where noted, 5c. per pkt., 10c. per oz., 20c. per 1/4 lb., 65c. per lb.

When properly grown, are nearly double the size of the ordinary varieties, of perfect form, and present combination in marking and colors heretofore unknown in this exquisite flower. The seed should be sown as early as the ground can be worked in the spring to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure, sow the seed and cover two inches deep. As fast as the flowers come into full bloom or fade, they should be cut off, for if the seed pods are allowed to form, the plants will stop blooming. Seed may also be sown late in the autumn.

- 1005 **Aurora** (New). Pkt. 10c., oz. 25c.
- 901 **Apple Blossom**. Standard bright pinkish rose, wings bluish.
- 917 **Blanche Ferry Extra Early**. Ten days earlier than Blanche Ferry; very desirable. Oz. 15c., 1/4 lb. 30c., lb. \$1.00.
- 918 **Blanche Ferry**. The flowers are of large size and are produced in great abundance; of a beautiful pink and white color.
- 924 **Blanche Burpee**. Large pure white.
- 925 **Cupid**. White dwarf. Pkt. 5c., oz. 20c.
- 902 **Boratton**. Fine deep maroon color
- 903 **Cardinal**. Bright, shining crimson scarlet.
- 913 **Queen of England**. Pure white, large, fine.
- 922 **Senator**. The finest chocolate color variety.
- 914 **Splendor**. Rich bright pinkish rose, shaded with crimson.
- 916 **Mitchell's Gilt Edge Mixture**. Pkt. 5c., per oz. 10c., 60c. per lb.
- 1003 **Fine Mixed**. Oz. 5c., 1/4 lb. 15c., 40c. per lb.
- 915 **Collection** containing 20 ounces, 1 ounce of each, separate, \$1.50.
- 923 " " 20 packets, 1 packet of each, 75c.
- 1002 " " 10 " " 40c.
- 1006 **Red Riding Hood** (Novelty) Pkt. 10c.
- 937 **Countess of Radnor**. The best lavender.
- 904 **Emily Henderson**. Very large white.
- 1001 **Fire Fly**. Glowing crimson.
- Grey Friar**. Bluish grey, very large flower. 10c. per pkt., 20c. per oz.
- 906 **Indigo King**. Rich indigo blue.
- 921 **Katherine Tracy**. Soft pink.
- 908 **Lottie Eckford**. White and blue.
- 909 **Miss Hunt**. Pale carmine, salmon standards, with soft pink wings.
- 1004 **Mikado**. White orange.
- 912 **Monarch**. Very fine maroon.
- 910 **Orange Prince**. Bright orange pink, flushed with scarlet.
- 911 **Primrose**. Pale primrose yellow.
- 919 **Princess Beatrice**. Bright pink.

EVERLASTING PEAS. 920 **Choicest Mixed**. Hardy perennial. Will bloom the first season if sown early. Pkt. 5c., oz. 30c.



Mitchell's Gilt Edge Mixture of Eckford's Sweet Peas.

Verbenas

Easily grown from seed. If sown early in spring they will flower quite early in the season. Indispensable for bedding and edging. The seed has been saved from one of the finest collections.

- 928 **White Mammoth.** Pkt. 10c.
 929 **Scarlet Mammoth.** Brilliant, large eye. Pkt. 10c.
 930 **Blue.** With large eye. Pkt. 10c.
 933 **Very Fine Mixed.** Pkt. 5c., oz. \$1.00.
 934 **Mitchell's Mammoth Choicest Mixed.** These cannot be surpassed for size and color. Pkt. 10c., $\frac{1}{8}$ oz. 50c., oz. \$2.50.

Lemon Verbena

- 935 **Aloysia Citriodora.** Fragrant lemon-scented foliage. Pkt. 10c.

Thunbergia [*Black Eyed Susan*].

Rapid-growing climbers, thrive in light, rich soil; very pretty; borne profusely during the season. Fine for vases, rustic work, etc.

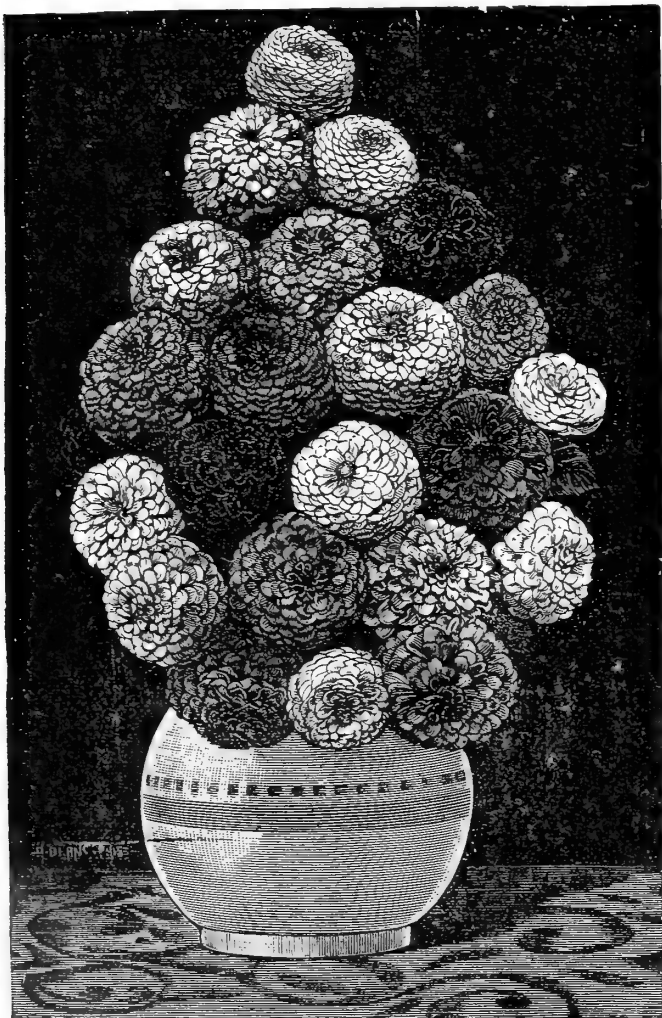
- 940 **Alba Oculata.** White, dark eye. Pkt. 5c., oz. 40c.
 941 **Alata.** Buff, dark eye. Pkt. 5c., oz. 40c.
 642 **Aurantiaca.** Orange, dark eye. Pkt. 5c., oz. 40c.
 944 **Mixed.** All colors. Pkt. 5c., oz. 40c.

Tropæolum. [*See Nasturtium, page 30.*]

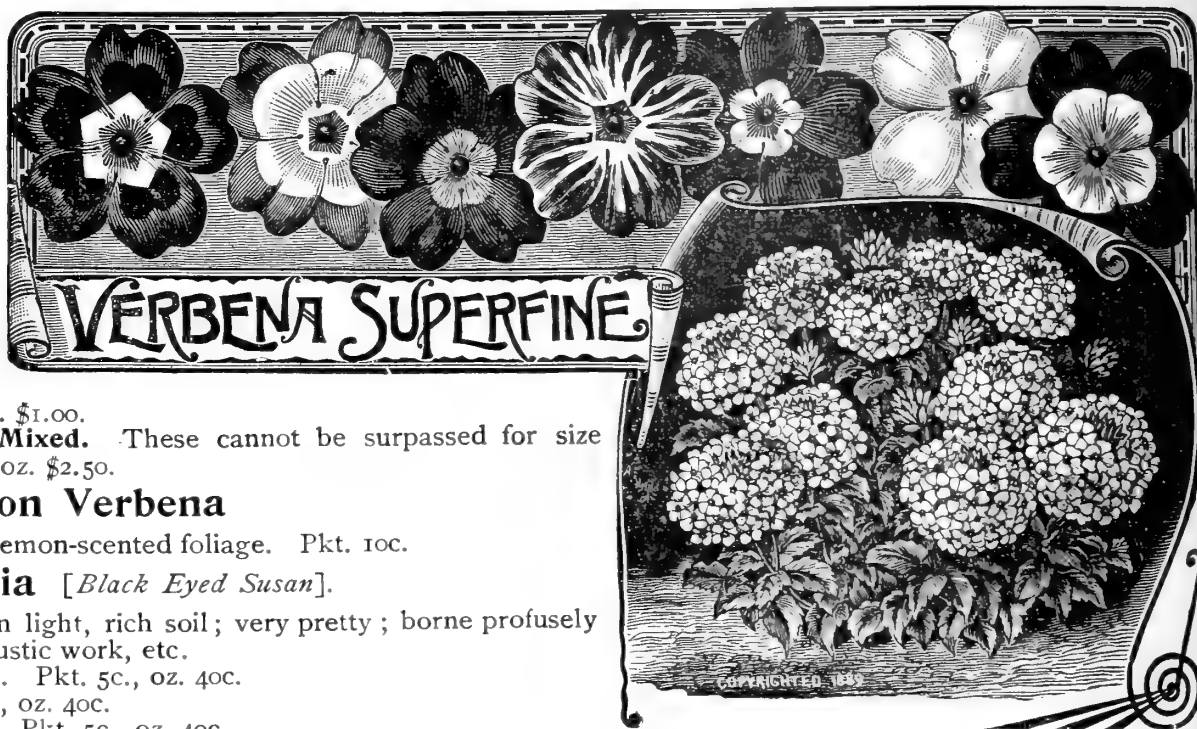
- 945 **Valeriana.** Very showy border hardy perennial; growing in any garden soil, doing well in the shade; producing large corymbs of flowers, fine for bouquets. Mixed colors; two feet. Pkt. 5c.

Vinca [*Madagascar Periwinkle*].

- 946 **Rosea.** Rose, with dark eye. Pkt. 10c., oz. \$1.00.
 947 **Alba.** White, with crimson eye. Pkt. 10c., oz. \$1.00.
 948 **Alba Pura.** Beautiful pure white. Pkt. 10c., oz. \$1.00.
 949 **Mixed.** Pkt. 10c., oz. \$1.00.



Improved Pompone Zinnia.



Tagetes [*Single Marigold*].

A dwarf globular compact, bushy plant, densely covered with flowers, valuable for borders as well as beds. Half-hardy annual.

- 969 **Pumila Golden Ring.** Orange color. Pkt. 5c.

Torenia

Splendid for vases, hanging baskets or borders out of doors; they are covered until late in the season with one mass of bloom.

- 970 **Fournieri—Princess Helen of Montenegro.** (New) Pkt. 15c.
 971 **Fournieri Grandiflora.** Flowers much larger and more showy than Fournieri. Pkt. 15c.
 972 **Fournieri.** Large sky-blue flowers, with spots of dark blue and a bright yellow centre. Pkt. 10c.
 973 **Bailloni.** Flowers bright golden yellow with a brownish-red throat. Pkt. 10c.
 974 **White Wings.** Pkt. 15c.

Violet [*Viola Odorata*].

Thrives best in a shady situation, in a rich deep soil, hardy perennials.

- 954 **Single Blue Czar.** Very sweet-scented flowers. Pkt. 10c.
 955 **Single White.** Very fragrant and free flowering. Pkt. 10c.
 956 **Single Mixed.** White and blue. Pkt. 10c.

Wallflower

Well-known fragrant garden plants, blooming early in the spring, with large spikes of flowers; they should be protected in a cold frame in the winter, and planted out in May; half-hardy perennials.

- 960 **Single Mixed.** All colors. Pkt. 5c.
 963 **Royal Purple.** New single. Pkt. 15c.
 961 **Finest Double Mixed.** All colors. Pkt. 10c.
 962 **Collection** containing eight double varieties, each separate. Pkt. 50c.

Wild Flower Garden

- 966 A mixture of about one hundred popular annuals and perennials; will make a good effect wherever sown. Pkt. 5c., oz. 15c., lb. \$1.00.

Zinnia [*Youth and Old Age*].

- 979 **Haageana.** Choicest mixed single. Pkt. 5c.
 980 **Improved Pompone.** Differing from older ones in habit of growth and immense size; very double flowers of various striking colors; plants are dwarf and bloom freely for a long period. Pkt. 10c., oz. 60c.
 981 **Tom Thumb.** A miniature zinnia, forming compact, round bushes six to twelve inches in height and eight to fifteen inches in diameter, covered with flowers of the brightest colors. Pkt. 10c., oz. 75c.
 982 **White.** Pure white flowers. Pkt. 10c., oz. 50c.
 983 **Striped or Zebra.** Pkt. 10c., oz. 50c.
 984 **Robusta Plenissima or Giant.** Flowers five to six inches across, perfectly formed, very double and of striking colors. Pkt. 10c., oz. 50c.
 985 **Gen'l Jacqueminot.** Rich crimson, handsome; pkt. 10c. oz. 75c.
 988 **Curled and Crested.** Beautiful new type, all colors, choicest mixed. Pkt. 10c.
 986 **Extra Choice Mixed.** Saved from selected double flowers only. Pkt. 5c. oz. 30c.
 987 **Collection,** in imported pkts., six separate colors. Pkt. 35c.

BULBS AND PLANTS



Amaryllis.

Amaryllis

Hybrids of Vittata. Each 50c.

Johnsoni. Very large flower, rich crimson-scarlet color, striped with white. Each 30c., per doz. \$3.00. Extra large bulbs 50c. each, per doz. \$5.00.

Treatiae Alba. Pure white blossom the entire summer. Each 10c., per doz. \$1.00.

Treatiae Rosea. Bright rose. Each 10c.

Belladonna Major. Bright pink. Each 15c., per doz. \$1.50.

Formosissima (Jacobæa Lily) Crimson blooming. Each 15c., per doz. \$1.25.

Abutilons. Each 10c., per doz. \$1.00.

Akebia Quinata

Hardy. One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in the spring, and continues several weeks. In good soil and location it will grow thirty to forty feet high. Each 25c., per doz. \$2.50.

Alternanthera

(Used for carpet bedding and edging.)

Aurea Nana. Bright golden yellow.

Amœna Spectabilis. Crimson pink and brown; the finest and brightest. Per doz. \$1.00 per 100 \$4.50, per 1000 \$40.00.

Acalypha Macafeana

A beautiful variegated foliage bedding plant; can be used for ornamental and sub-tropical bedding. Each 15c., per doz. \$1.50., per 100 \$8.00.

Asparagus Plumosus Nanus

Strong plants 25c. to 50c. each; \$2.50 to \$5.00 per doz.

Asparagus Sprengeri (New). 25c. each; \$2.50 per doz.

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Ampelopsis Veitchii.

Ampelopsis Veitchii (Japanese or Boston Ivy).

A perfectly hardy ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of fifty feet. It clings firmly to any wall, tree, etc., becomes more popular every season, and is without question one of the best climbing plants for covering brick or stone walls that can be grown. Two-year old plants, each 25c., per doz. \$2.50, per 100 \$12.00; one-year old strong young plants, per doz. \$1.50, per 100 \$9.00.



Gold Medal Tuberous-Rooted Begonias.

Begonias (Tuberous-Rooted—Large Bulbs.)

The bulbs which we sent out last spring produced excellent results. The size of blooms were mammoth, and the colors very rich. We have already booked a number of orders for these bulbs from customers who purchased of us last spring, and from others who saw them while in bloom.

White, Yellow, Pink, Bright Scarlet, Deep Red. Each 10c., per doz. \$1.00, per 100 \$5.00, per 1000 \$50.00.

Choicest Mixed, Single. Each 8c., per doz. 85c., per 100 \$5.00, per 1000 \$45.00.

Double. Separate colors. Each 25c., per doz. \$2.50.

Choicest Mixed, Double. Each 20c., per doz. \$2.00.

Bouvardias

White, Pink, Red. Each 15c., per doz. \$1.50.

Calla Lilies

These are very ornamental and flower freely. The foliage is beautifully spotted, and the flowers are pure white.

Spotted, or Variegated Foliage. Each 15c., per doz. \$1.25.

White. Each 15c., per doz. \$1.50, per 100 \$8.00.

Black. Each 15c., per doz. \$1.50.

Coleus

Golden Bedder. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.

Queen Victoria. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.

Vershaeffelti. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.

Also all other leading sorts.

Cinnamon Vine

One of the most rapid creepers. Hardy. Each 5c., per doz. 50c.

CANNAS



DESCRIPTION AS GIVEN
BY THE
INTRODUCERS

Standard Varieties

We have a large supply of Cannas, grown under contract for us by one of the leading growers in this country. They can be relied upon to be true and sure-blooming roots, mostly all with two or three shoots.

Alphonse Bouvier. Rich velvety red; very large truss and flower; petals broad and wavy. Each 10c., per doz. \$1.00, per 100 \$6.00.

Charles Henderson. A grand variety of a fine crimson color; very popular. Its habit of growth is compact and uniform; 3½ feet in height, a desirable companion to such varieties as Florence Vaughan and Madam Crozy. Each 10c., per doz. \$1.00, per 100 \$6.00.

Columbia. A perfect gem; color rich cardinal red; of branching habit, sometimes has three or four trusses of bloom on the same spike, all open at the same time, producing a mass of blooms at an even height. Price 25c. each, \$2.50 per doz., \$15.00 per 100.

Eldorado. Bright clear yellow, lightly marked with crimson, light green foliage. The best yellow Canna for general effect, being a very profuse bloomer. 15c. each, \$1.50 per doz., \$10.00 per 100.

Florence Vaughan. Bright rich golden yellow, spotted with bright red; the flowers which are large size; of great substance and perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color, three feet in height. Each 15c., per doz., \$1.25, per 100 \$7.00.

Egendale. Valuable as a bedding variety, bronzy foliage, with large bright cherry-red flowers of good shape and substance. It is of compact uniform growth, height four feet, is considered one of the very best dark foliage varieties. Each 15c., per doz. \$1.25, per 100 \$7.00.

Flamingo. Crimson, flowers over four inches in diameter, heavy in texture; they cluster around the stem in an even manner, giving the truss the grace and finish of a Hyacinth spike; its habit is perfect, strong and compact, growing about three feet high. Each 25c., per doz. \$2.50.

Golden Border. A splendid variety for border around other French Cannas; grows only 3 feet high. The flowers are canary yellow, slightly spotted with red; foliage green. Each 15c., per doz. \$1.50.

Madame Crozy. Brilliant vermilion scarlet; bordered with deep golden yellow; the flowers are borne in great clusters and in profusion. The foliage is green, broad and massive; the habit of the plant is compact and vigorous; height four feet. Each 10c., doz. \$1.00, 100 \$6.00.

Queen Charlotte (New German Canna). Rich crimson scarlet with wide gold border on every petal. A very handsome plant, medium in height, compact grower, broad, green leaves, profuse bloomer. Each 15c., per doz. \$1.25, per 100 \$7.00.

President Carnot. A distinct bronze foliage variety, with very large flowers of a rich vermilion scarlet. 15c. each, \$1.50 per doz., \$10.00 per 100.

Mixed Dwarf French. Containing the best sorts only. Each 10c., per doz. 75c., per 100 \$5.00

Robusta Perfecta. Very tall growing, dark foliage; variety specially adapted for the centre of Canna beds. Each 10c., per doz. \$1.00, per 100 \$6.00.

Tall Sorts Mixed. 10c. each, 75c. per doz., \$5.00 per 100.



CANNA "ITALIA"

New Dwarf French Cannas.

Austria.—NOVELTY '97. A splendid variety; grows five feet high; leaves 15 to 18 inches long and 8 to 10 inches broad. Flowers 6 to 7 inches across and borne erect in immense trusses; color pure deep golden yellow, truly magnificent. 25c. each, \$2.50 per doz., \$15.00 per 100.

"Alsace" (White Canna). A vigorous grower, with clear green foliage, four feet high. An early and continuous bloomer. Spikes of flowers full, dense, crowded with flowers, which, upon opening, are of a delicate sulphur yellow, changing very soon, however, to a creamy white without spots. 20c. each, \$2.00 per doz., \$12.00 per 100.

Burbank (New). Very large flowering, rich yellow, with very substantial heavy light green foliage. Height about four feet. 30c. each, \$3.00 per doz., \$20.00 per 100.

Chicago. Four feet, green foliage. The large flowers open out nearly flat, petals 1½ inches wide and five in number; in this respect the Chicago fairly out-classes all Cannas. The color is a clear, deep vermilion scarlet. 20c. each, \$2.00 per doz., \$12.00 per 100.

Italia (Orchid-Flowered Canna)—NOVELTY '97. Belongs to same class as Austria. Equally large as Austria, and similar in every way except color, which is rich golden yellow with a broad blotch of dark crimson maroon in the centre of each petal and throat. 25c. each, \$2.50 per doz., \$16.00 per 100.

President William McKinley—NOVELTY 1898. Color brilliant crimson. Plant dwarf, growing from 2½ to 3 feet high in rich soil. Foliage deep green, with heavy chocolate margin. Plant stools freely and is an abundant and very early bloomer. The flower sheaths are highly colored as in Alphonse Bouvier. The trusses are large, of good shape and held well above the foliage, and the growth is compact and even. This variety may be considered a marked improvement upon Chas. Henderson, Colum-

bia and other crimson cannas. The effect when massed is extremely brilliant, the color contrasting finely with the deep green foliage. Plants from 4 inch pots \$1.00 each, \$10.00 per doz. **Souvenir de Antoine Crozy.** The finest gilt edge variety yet introduced. The flowers are large, of intense scarlet, bordered with rich golden yellow. Plants from 4 inch pots \$1.00 each, \$10.00 per doz.

VERY
EFFECTIVE
PLANTS FOR
LARGE
BEDS



Caladium (Elephant's Ear).

Caladium (*Elephant's Ear*)

Especially adapted as a Border for cannas and tall-growing grasses.

	Each.	Doz.	100
Small Sound bulbs	5c.	\$.50	\$4.00
Medium size sound bulbs, 10c.	1.00	7.00	
Large " " " 20c.	2.00	11.00	
Extra Large " " 30c.	3.00	16.00	

Fancy Leaved Caladiums

New Brazilian. These are great improvements over the older sorts and should be in every collection. 50c. each, \$5.00 per doz.

Fancy L. Caladiums. General, or Older Varieties

In 25 best and most distinct named varieties. 30c. each, \$3.00 per doz.
Choicest Mixed. 15c. each, \$1.50 per doz.



Fancy Leaved Caladium.

Carnations

...NEW VARIETIES OF SPECIAL MERIT...

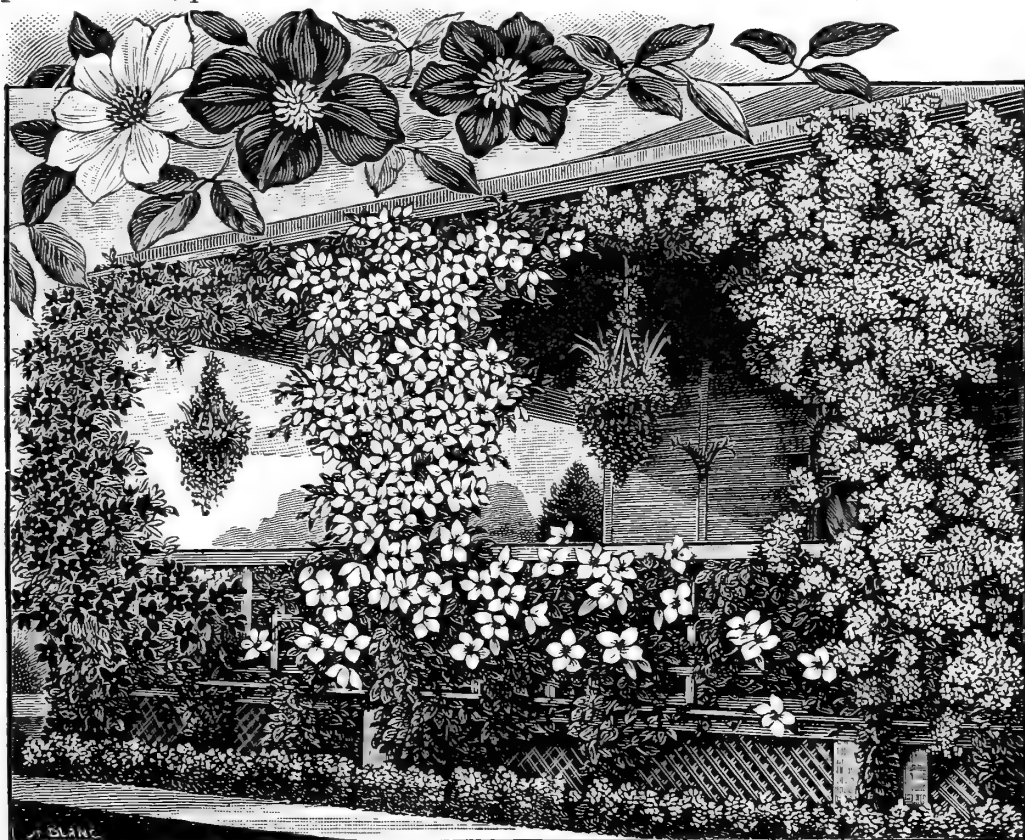
Victor. Fine deep pink, constant bloomer, extra large flowers.
Flora Hill. Pure white.
Harrison's White. Called "White Scott".
Jubilee Finest Scarlet.

We have made arrangements with the best growers of the above to furnish us strong and healthy rooted cuttings early in the spring. Price \$1.50 per doz., \$8.00 per 100.

...STANDARD SORTS, BEST VARIETIES...

Pink. Wm. Scott, Daybreak, Albertini.
White. Lizzie McGowan, Mrs. Fisher, Alaska.
Yellow. Eldorado, Buttercup, Gold Finch.
Scarlet. Portia, Thomas Cartledge, Sport, No. 1.
Variegated. Helen Keller, Armazinda.
Dark Red. Anna Webb, Meteor.

Price of the above standard varieties, strong rooted cuttings, per doz. \$1.00, per 100 \$6.00.



Clematis

...SPECIAL...

Strong field-grown clumps of all varieties of Carnations will be ready August 1st.

Clematis

HARDY PERENNIAL CLIMBERS

Clematis have, up to date, been mostly imported from Holland. Their climate is too mild for our extreme winters, therefore cannot stand same. The following recommended are raised in Philadelphia by a Clematis Specialist and give good results.

COLLECTION OF LARGE FLOWERING

Alexandra. Pale reddish violet.
Andre Leroy. Lavender.
Belle of Woking. Double purple, free bloomer.
Duchess of Edinburgh. Double pure white, fragrant
Gypsy Queen. Dark velvety purple.
Henryii. Creamy white.
Jackmani. Violet purple.
Madame Edouard Andre. Deep crimson.
Madame Baron Veillard. Pinkish lilac.
Seiboldii, or Ramona. Dark lavender.

Strong two-year-old plants in pots, 50c. each, \$5.00 per doz.

SMALL FLOWERING CLEMATIS

Davidiana. Deep lavender.
Flamula. Is covered with fragrant white flowers.
Graveolens. The best of the yellows.
Paniculata. This is a new Japanese, pure white flowers of most pleasing fragrance.
Coccinea. Thick bell shaped scarlet flowers.

Strong two-year-old plants 25c. each, \$2.50 per doz.

NOTICE: We can also supply all other varieties of Clematis.

Chrysanthemums

THE NEW
..CHRYSANthemum..

....Pennsylvania

The finest yellow Chrysanthemum for cut blooms or exhibition ever produced. *Certificate of National Chrysanthemum Society; Silver Medals by Pennsylvania Horticultural Society, New York Gardeners' Society and Kentucky Society of Florists. Certificate of Merit from Philadelphia, Boston, New York, Indianapolis, Montreal, Canada, Cincinnati, and Germantown.*

PRICE OF PLANTS—50c. each; \$5.00 per doz.; \$35.00 per 100; \$250 per 1000. Delivered March 15th, 1898.

6 at doz. rates; 50 at 100 rates; and 500 at 1000 rates.

The following Prizes will be offered at the Chrysanthemum Show of the Penn'a Horticultural Society, in November, 1898.

<i>The "Graham Prizes", \$15.00 as follows:</i>	1st prize.	2d prize.
<i>For best 12 cut blooms of the Penn'a Chrysanthemums,</i>	\$10.00	\$5.00
<i>The "Michell Prizes", \$10.00 as follows:</i>	1st prize.	2d prize.
<i>For 6 best cut blooms of Penn'a Chrysanthemums,</i>	\$6.00	\$4.00

Other New and Special Varieties.

MARTIN NIXON (New). Color bronze and yellow, incurved flower. Miss Nixon, of Germantown, will offer the following prizes at the Chrysanthemum Show of the Penn'a Horticultural Society in November, 1898.

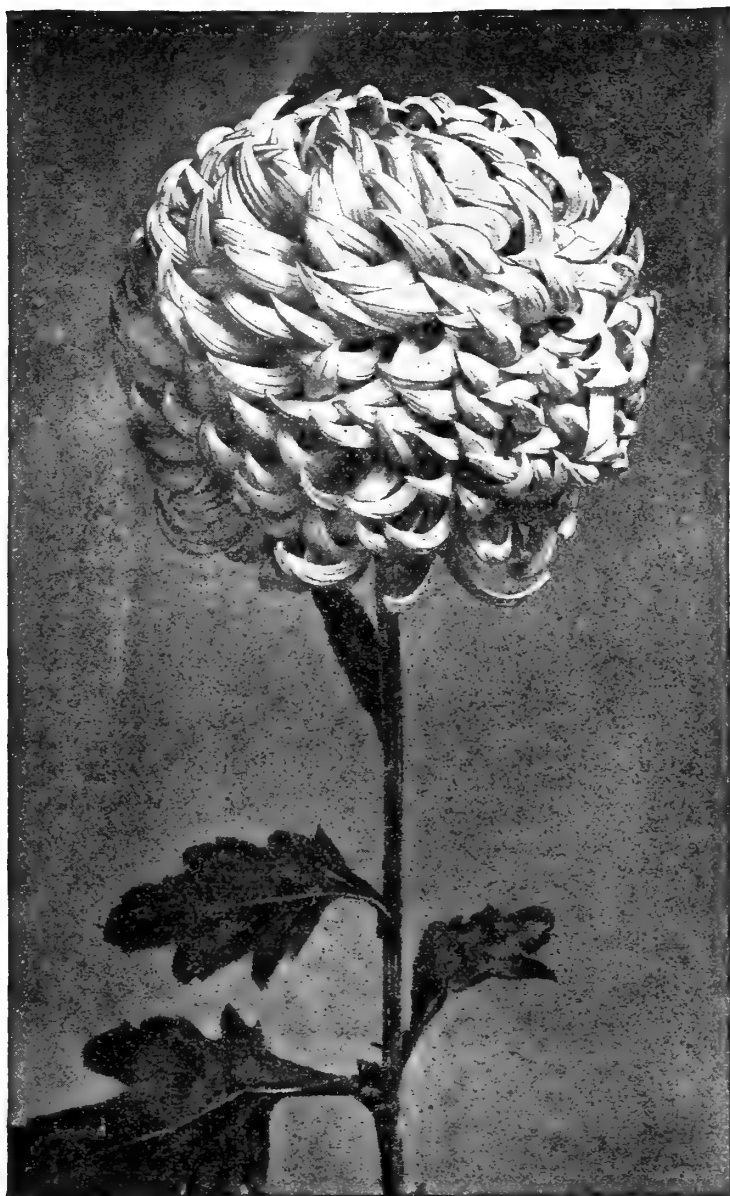
\$3.00 for best 6 blooms. 1st prize.

\$2.00 for best 6 blooms. 2nd prize.

\$3.00 for best Specimen Plant. 1st prize. (Not over 10-inch pot.)

\$2.00 for best Specimen Plant. 2nd prize. " " " "

Price of Strong Young Plants, 30c. each; \$3.00 per doz.



The New Chrysanthemum "PENNSYLVANIA".

...CHRYSANthemum PLANTS...

Best up-to-date Sorts Selected with great care from Varieties which have been Certificated and won Prizes at the recent Exhibitions.

Best White. Mayflower, Queen, Western King, Mrs. Jerome Jones, Mutual Friend, Mrs. H. Robinson, Miss F. Pullman, Mrs. H. McK. Twombly, Niveus, Mrs. Peabody, Philadelphia, Mrs. Col. Goodman, Henry F. Mitchell.

Best Yellow. Golden Gate, Eugene Dalledouze, Georgiana Pitcher, W. B. Dinsmore, Mrs. Geo. Morgan, Minerva, Major

Bonaffon, Mrs. M. Simpson, Mrs. G. M. Pullman, Modeste, Golden Wedding, Gold Standard.

Best Pink. Inter Ocean, Mrs. Perrin, Indiana, Mrs. J. Sinnott, Bayard Cutting, Mrs. Geo. West, Hallow'een, Ada Prass, Maud Dean, Helen Bloodgood, Mrs. C. F. Berwind, Vivian Morrel.

Best Crimson. Mrs. J. Shrimpton, Geo. W. Childs, Defender, Cullingfordii, Autumn Leaves.

Best Bronze. Tuxedo, Pluto, Sunrise, Autumn Glow, Hicks-Arnold, Nianza, Barrington, Egyptian.

Strong Plants from 2-inch pots early in the Spring, per doz. \$1.50; per 100 \$8.00. The full collection of the above, 1 plant of each, 50 in all \$5.00.



GIANT PARIS DAISIES.

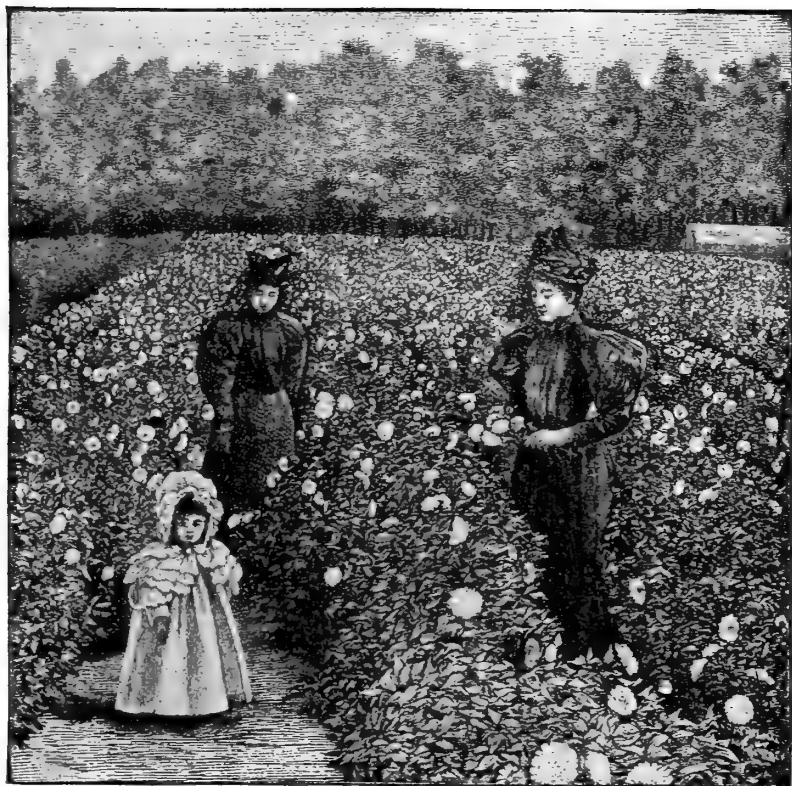
Paris Daisy Plants.

These are certainly very desirable for cut flowers, as they are constantly in bloom. The flowers are very large, measuring fully three inches across. A specialist is growing these plants for us. We can recommend them highly to our customers.

"Giant of California", White. Strong young plants, 15c. each, \$1.50 per doz., \$10.00 per 100.

"Etoile de Or", Yellow. Strong young plants 15c. each, \$1.50 per doz., \$10.00 per 100.

(25 at 100 rates).



Photograph of a Field of NYMPHEA DAHLIAS.

Dahlias

Our Dahlias are grown for us by the Dahlia Specialist, W. P. Peacock, of New Jersey, which is sufficient guarantee of their being true to name and of first quality. Mr. Peacock does not sell at retail, but we have arranged to supply any one of the hundreds of varieties of Dahlias grown by him in addition to the following select list of prize winners.

NOTE—In spirited competition with all the leading American growers at the American Institute Flower Show, at Madison Square Garden, New York, last September, Mr. Peacock was awarded six of the seven first prizes offered.

FOR NOVELTIES IN DAHLIAS SEE NOVELTY PAGE "H".

Twenty Best Double Large Flowering Dahlias.

- Arabella.** Large, pale primrose, exquisitely tipped and shaded. First prize at Philadelphia for best fancy Dahlia, any color.
A=D-Livoni. Pure soft pink, a superb variety.
Adolph Pfefferhorn. Deep cherry red, large.
Bird of Passage. White tipped red pink, free bloomer.
County Lad. Sulphur yellow, tipped pink, edged darker.
Elegans. Rich, rosy purple striped and tipped white.
Fern Leaf Beauty. New; fernlike foliage, white margined crimson. First prize at Philadelphia for best striped variety.
Henry Weldon. Clear bright red; fine form and free.
Juniata. Deep yellow, margined and tipped bright red.
Keystone. Pink striped crimson, large and fine.
Lucy Faucett. Straw striped rosy magenta; very large.
Miss Florence Shearer. Beautiful clear soft lilac.
Mrs. Langtry. Cream tipped pink, edged purplish crimson.
Mrs. Dexter. Very large; a beautiful shade of salmon.
Prince Bismarck. Large and full; the best deep purple.
Princess Bonnie. Rich creamy white; very beautiful.
Pluton. A superb pure yellow prize taker.
Queen Victoria. Rich golden yellow, of superb form, free.
Ruby Queen. Ruby red, richly shaded; one of the best. Resembles an American Beauty Rose in form.
Triomphe de Solfereno. Brilliant solferino, very large, dwarf.
Strong Clumps, 20c. each; \$2.00 per doz.; \$12.00 per 100.

Twelve Best Pompon Dahlias.

- Allie Mourey.** New, pinkish white tipped deep pink.
Captain Jack. Dark red, shaded maroon.
Elfin. Pale primrose, changing to creamy white.
E. F. Junker. Very fine, pinkish amber, compact flower.
Fashion. Deep orange, rich, distinct and effective.
Guiding Star. Pure white; fine for cutting; free.
Klein Domatia. Rich orange buff; extremely profuse.
Little Prince. Mottled red, white and maroon, fine.
Little Valentine. Beautiful form, rich dark purple.

POMPON DAHLIAS—Continued.

- Prince Charming.** New, white tipped purple pink.
Vivid. Bright, dazzling scarlet; very fine form.
Yellow Bird. Fine yellow with stems for cutting.
Price, Strong Clumps, 20c. each; \$2.00 per doz.; \$12.00 per 100.

Fifteen Best Cactus Dahlias.

- American Flag.** New 1895. Snow white striped brilliant cherry red. Profuse bloomer; distinct and effective.
Constancy. New; rich reddish orange, shaded bronze, tipped white.
Crimson Giant. Very large, deep crimson, shaded maroon.
Grand Duke Alexis. Of large size, pure white flaked pink. Petals beautifully quilled; a great acquisition.
Henry Patrick. Large, always pure white and fine form.
King of Cactus. Rosy crimson magenta; 7 inches across.
Mrs. Hawkins. Very fine, rich sulphur, beautifully shaded.
Maid of Kent. A most beautiful and effective variety, intense cherry red tipped pure white. (See illustration.)
Mrs. Geo. Reed. Pure white beautifully flaked soft rosy lake.
Nymphaea. Still the most valuable and popular variety. Pure light shrimp pink, tinted lighter toward centre. Water lily form, a strong grower and profuse bloomer. (See illustration.)
Oban. Very large, rosy lavender, overlaid delicate silvery fawn. First prize at Philadelphia for six largest flowers, any variety.
Orange King. New. Rich glowing orange; a dwarf and extremely profuse bloomer; a new and effective color.
Panthia. Rich reddish salmon, fine form, distinct.
Wm. Pierce. Rich butter yellow.
Zulu. Deep rich maroon, almost black; flowers full, of perfect form, distinct and effective.
Strong Clumps 20c. each; \$2.00 per doz.; \$12.00 per 100.

Ten Best Single Dahlias.

- C. E. Varnum.** Very large, deep red tinting lighter toward tip of petals.
Enchantment. A beautiful shade of red; base of petals yellow.
Harold. Deep maroon; fern-like foliage, very fine.
Isaac Pitman. Very large; bright crimson purple.
Kate. Reddish orange maroon; distinct and effective.
Miss Roberts. A fine free blooming yellow.
Mrs. L. C. Bassett. Striped rose and violet, very distinct.
Paragon. A beautiful flower; maroon edged light purple.
Sandusky. A soft shade of salmon, fine shape.
Snow Queen. Pure white; one of the best.
Strong Clumps 25c. each; \$2.50 per doz.; \$12.00 per 100.

Dahlias in Separate Colors, Very Fine.

- CHOICE VARIETIES UNDER COLOR.**
Red Shades, White, Pink Shades, Yellow Shades, Variegated.
Strong Clumps, 15c. each; \$1.50 per doz.; \$10.00 per 100.
Mixed. All colors. Double } Strong clumps 12c. each, \$1.25 doz.
 " " " Single }

New Book

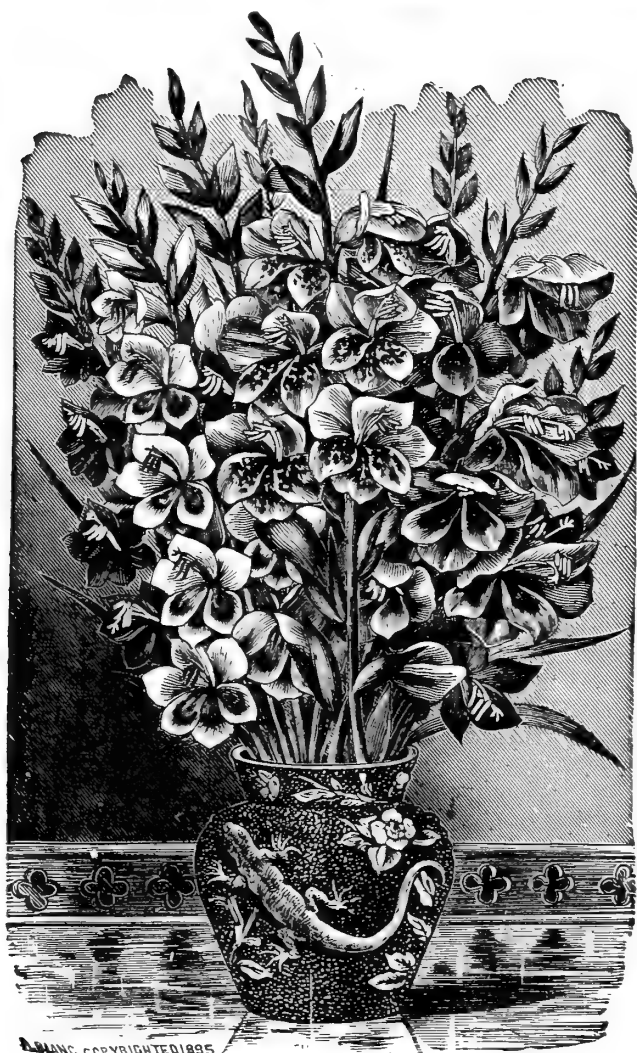
"THE DAHLIA"

A practical treatise by Lawrence R. Peacock. It is clear, concise, yet comprehensive. Beautifully illustrated with ten full page photo-engravings, made expressly for the book, and with an embossed paper cover. Invaluable to all interested in Dahlias. Price by mail prepaid 30 cts. **Special Offer.** We will present a copy of "THE DAHLIA," free of charge to all ordering Dahlias from us to the amount of \$3.00 or more.

See page "H" for Novelties.



Dahlia MAID OF KENT.



Lemoine's

"Butterfly"

Gladiolus

Gladiolus

(Large-Sized Bulbs.)

All Colors, very Choice Mixed. Each 4c., per doz. 25c., per 100 \$1.75, per 1000 \$14.00.

White and Light Colors. Each 5c., per doz. 40c., per 100 \$2.75, per 1000 \$20.00.

Yellow Shades. Each 5c., per doz. 40c., per 100 \$3.00.

Scarlet and Crimson. Each 4c., per doz. 25c., per 100 \$1.75, per 1000 \$15.00.

Pink and Variegated. Each 5c., per doz. 40c., per 100 \$2.50 per 1000 \$20.00.

Lemoine's Butterfly. Extra fine mixed. Each 5c., per doz. 40c., per 100 \$2.50.

Childsi. A distinct mammoth race, much stronger and more vigorous than any others—their stiff stems often standing four to five feet high with flower stalks two feet in length. They bloom freely, many plants producing 3 to 5 five spikes of bloom. The flowers are of great substance and of exceptional large size, frequently six or seven inches across, and the bud so expansive that the face of the flower is seen to good advantage. They contain a number of exquisitely beautiful shades practically new in the Gladioli, blues, smoky grays and purple blacks, with mottled spotted throats, white, crimson, pink and yellow. In fact even Orchid flowers cannot surpass them in various shades, markings and blendings. Mixed, all colors, each 10c., doz. \$1.00.

Gaillardia Grandiflora

Of hardy perennial plants; beginning to flower in June they continue the entire season. Being perfectly hardy they require absolutely no protection. The flowers are large, from 2½ to 3½ inches in diameter, produced on long stems, excellent for cutting. The centre is dark red-brown, the petals are variously marked with rings of brilliant scarlet crimson, orange and vermillion, and often a combination of all these colors in one flower.

Strong Clumps, for immediate effect, 15c. each, \$1.50 per doz., \$10.00 per 100. **Strong young plants** which will flower freely this summer, 10c. each, \$1.00 per doz., \$8.00 per 100.

Helianthus (Sunflower).

Multiflorus fl. pl. (Double Hardy Sunflower). An extremely useful, hardy plant; bears profusely large double flowers of a bright yellow. Each 15c., per doz. \$1.50.

Maximiliana. Large double golden yellow flowers. Each 15c., per doz. \$1.50.

Hyacinthus Candicans

Summer Blooming Hyacinth. Extra large bulbs. Each 5c., per doz. 50c.

Hollyhocks

(Chaler's Double.)

Strong Plants. Will bloom the first season. White, Yellow, Pink, Scarlet, each 20c., per doz. \$2.00.

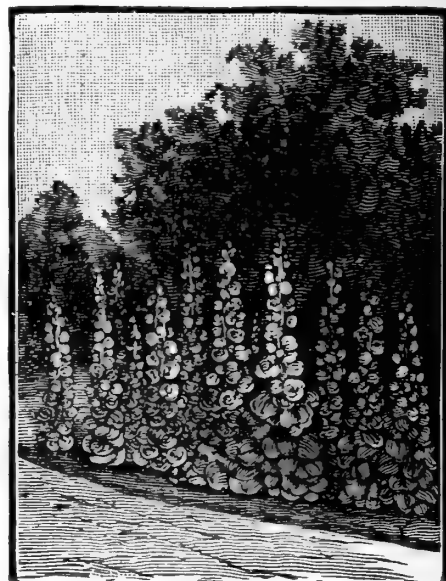
Mixed. 15c. each, doz. \$1.50

Honeysuckles

(Woodbine.)

Halliana. Flowers pure white, turning to yellow. Fragrant, hardy evergreen; flowers freely.

Variegated. Foliage beautifully mottled yellow and green. Each 25c. to 50c. per doz. \$2.50 to \$5.00.



A Bed of Hollyhocks.

Hydrangea

Paniculata Grandiflora. The popular hardy Hydrangea. Strong plants, each 25c., doz. \$2.50; extra large plants, each 50c., doz. \$5.00.

Iris Kämpferi (Japanese Iris).

Hardy. Strong roots. Will bloom this season.

Mixed. Of all colors. Each 15c., per doz. \$1.50.

Named Varieties. Each 25c., per doz. \$2.50.

Lilies (Hardy).

Auratum (Golden-banded Japan). Extra large bulbs, 11 to 13 inches in circumference. Each 20c., per doz. \$2.00, 100 \$10.00. Bulbs 9 to 11 inches in circumference. Each 15c., per doz. \$1.50, per 100 \$8.00. Bulbs 7 to 9 inches in circumference. Each 10c., doz. \$1.00, per 100 \$6.00.

Lancifolium Speciosum Album. Extra large bulbs. Pure white Japan Lily. Each 20c. per doz. \$2.00, per 100 \$12.00.

Lancifolium Speciosum Rubrum. Very large bulbs. Each 15c., per doz. \$1.50, per 100 \$10.00.

Lancifolium Speciosum Roseum. Extra large bulbs 15c. each, \$1.50 per doz., per 100 \$10.00.



Lilium Auratum.

Tigrinum (Tiger Lily). Each 10c., per doz. \$1.00, per 100 \$8.00.

Madeira or Mexican Vine

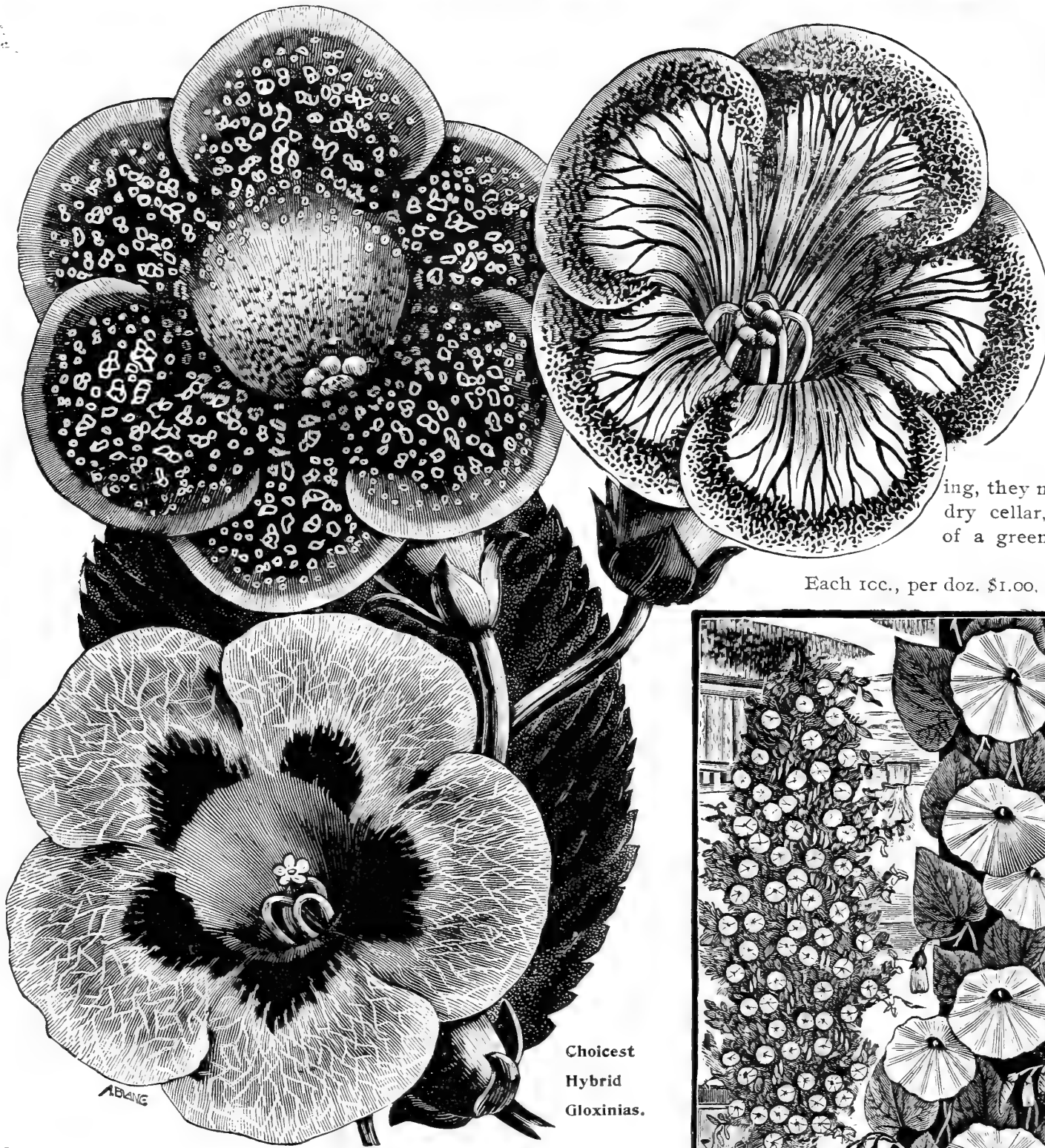
Large Selected Bulbs. Each 5c., per doz. 40c.

Manettia Vine Each 15c., per doz. \$1.50.

GLOXINIAS

One of the handsomest summer blooming plants. Flowers three inches in diameter; upright, colors crimson, violet, rose, scarlet, white and beautifully spotted. They attain the greatest perfection if grown in light, rich soil in a shady, well ventilated frame. After they are done growing, they may be kept in a warm, dry cellar, or under the stage of a greenhouse. Mixed colors.

Each 10c., per doz. \$1.00, per 100 \$6.00.



Choicest
Hybrid
Gloxinias.

Perennial Iceland Poppies

Range in color from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious Lilac-like fragrance. The profusion of blooms which they produce is really astonishing, often a hundred flowers on a single plant, and they are produced in succession from the beginning of June to October. Mixed colors, each 15c., per doz., \$1.50.

Perennial Phlox

The Perennial Phloxes are among the most desirable hardy herbaceous plants, and should be planted largely; they succeed in any position and can be used to advantage either as single specimens in the mixed border or as large clumps or beds in the garden. In 25 separate and best varieties, each 15c., per doz. \$1.50, per 100 \$10.00.

MOON FLOWERS (*Ipomœa*.)

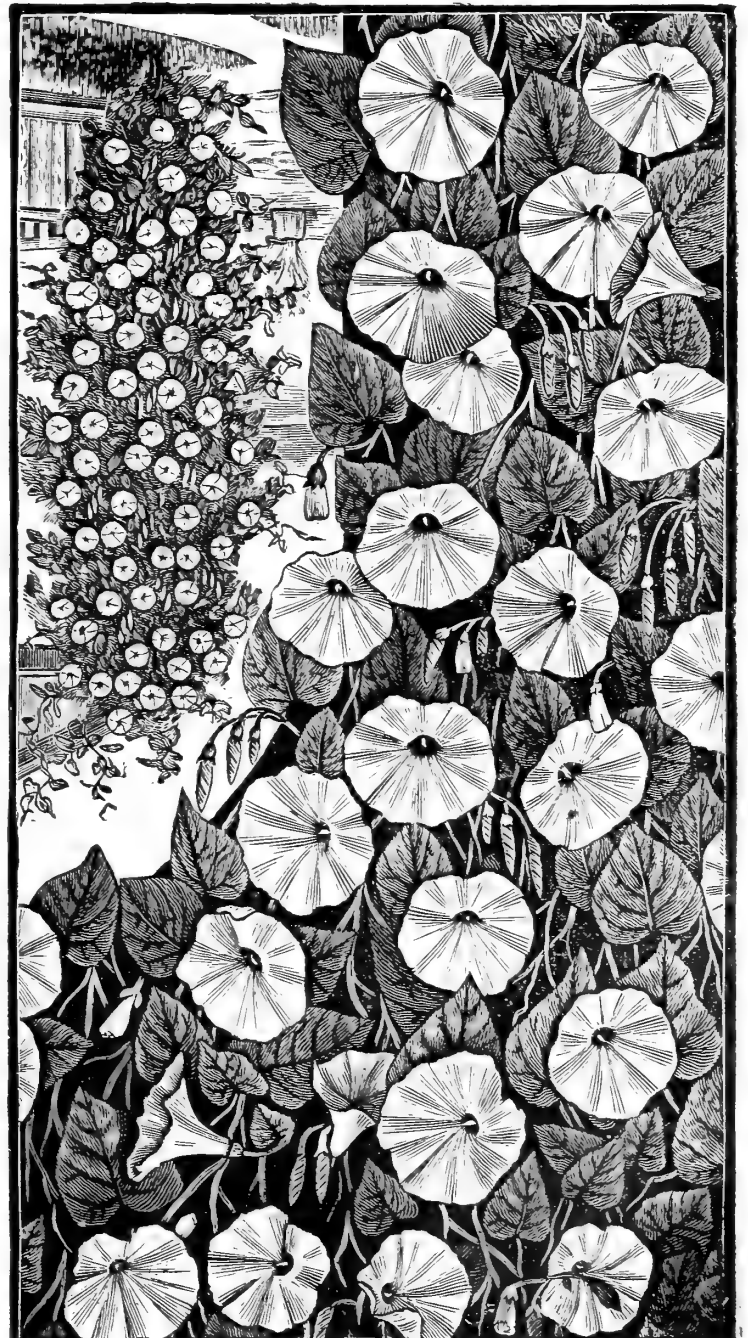
Noctiflora (White). Young plants. Each 10c., per doz. \$1.00.

Noctiflora (White). Strong plants. Each 15c., four 50c., doz. \$1.25.

Hardy Day Blooming. Extra large selected roots. Each 15c., doz \$1.50.

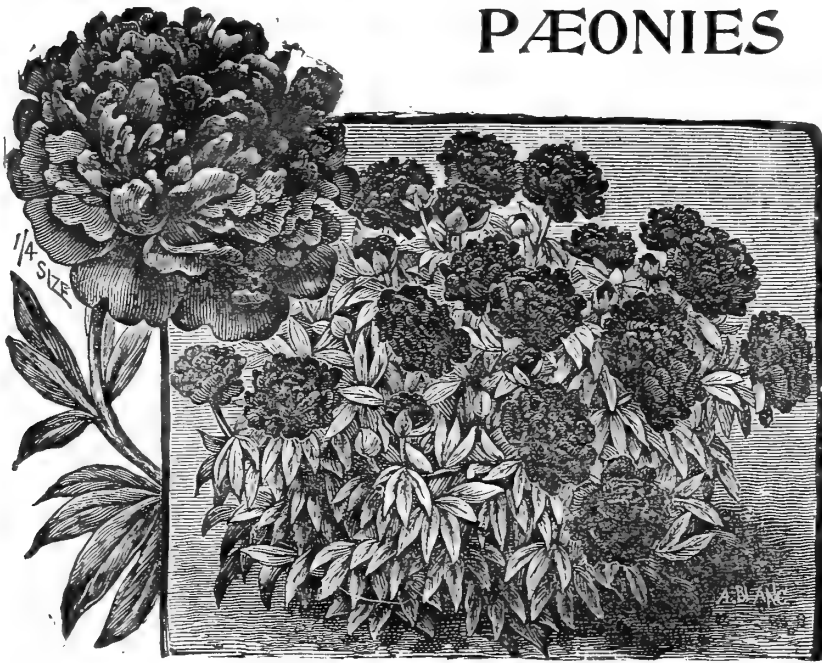
***Ipomœa Learii* (Blue Moon Flower).** Intense violet blue flowers, six inches in diameter. Each 10c., twelve for \$1.00.

***Ipomœa Mexicana* (Pink Moon Flower).** Large pink or rose colored flowers, a grand companion to the above, being tuberous-rooted it can be wintered the same as a Dahlia root. Each 15c.



Moon Flowers.

PÆONIES



Pæonies [*Herbaceous.*]

Extra fine large clumps with three and four eyes; will bloom this spring.

Double Pink. Each 25c., per doz. \$2.50, per 100 \$15.00.
Double White. Each 25c., per doz. \$2.50, per 100 \$15.00.
Double Red. Each 25c., per doz. \$2.50, per 100 \$15.00.
Double Mixed. Each 20c., per doz. \$2.00, per 100 \$13.00.

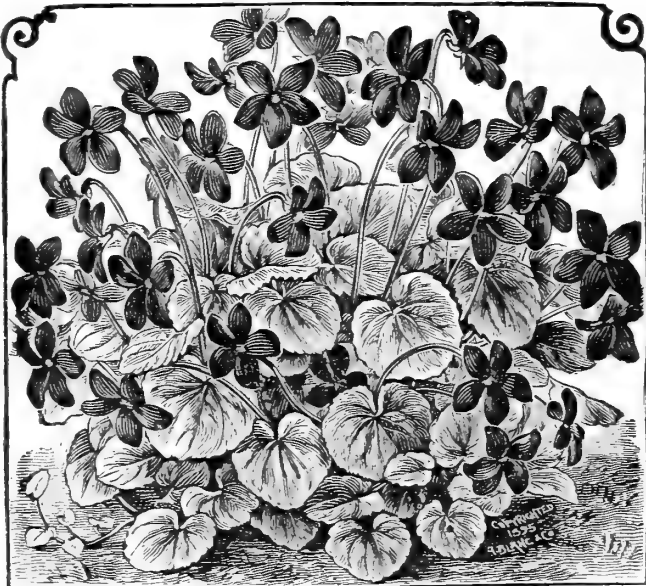
Tigridia [*Shell Flower.*]

Beautiful summer flowering bulbs, producing large flowers, exquisitely spotted; flowering from July to October.

Conchiflora. Orange, with crimson spots. Each 5c., per doz. 40c., per 100 \$3.00.
Pavonia Grandiflora. Red, with yellow spots. Each 5c., doz. 40c., per 100 \$3.00.
Grandiflora Alba. White flowers, spotted with maroon. Each 5c., per doz. 40c., per 100 \$3.00.

NEW GOLDEN FOLIAGE SCARLET SAGE

Very effective. Strong young plants 15c. each, \$1.50 per doz.



Violets

California. One of the finest single violets in cultivation. The flowers are very large, borne on long, stout stems, which makes it especially valuable as a cut flower; very fragrant and of a clear violet purple color that does not fade. Each 15c., per doz. \$1.50.

Luxonne. This new French variety is without doubt one of the finest single violets. Of the same size as California, but looks nearly double its size, as the petals open out flat, and blooms continuously from September until April. Of a beautiful rich soft violet purple color, with strong stems 9 to 12 inches long, and very fragrant. Each 15c., per doz. \$1.50.

Princess of Wales. A grand variety; very fragrant. Each 15c., per doz. \$1.50.
Marie Louise. Deep violet blue, very fragrant. **Queen Victoria.** Large single, blue, very fragrant. **Swanley White.** Large double, pure white. **Schönbrun.** Single, deep blue, very fragrant. Each 15c., per doz. \$1.50.

Wisteria [*Glycine.*]

Sinensis. The best blue. Each 30c. and 50c.
Sinensis Alba. White. Each 50c.

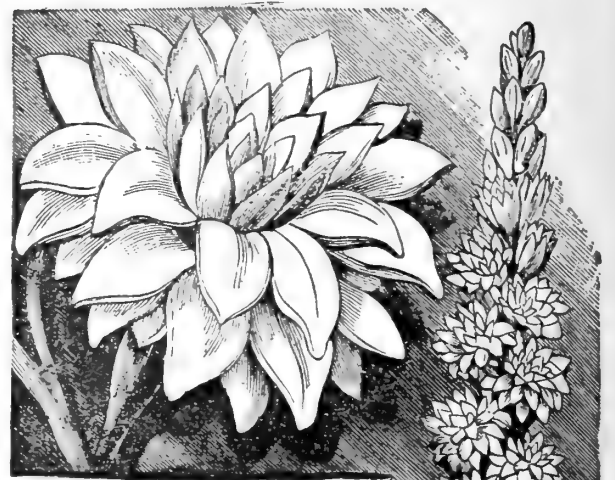
TUBEROSES

*Extra Large
Blooming Bulbs.*

Excelsior Pearl
Each 4c., per doz.,
30c., per 100 \$1.50,
per 1000 \$10.00.

Tall Double.
Each 4c., per doz
30c., per 100 \$1.50,
per 1000 \$10.00.

"Albino". The flower spikes are very large and evenly filled; flowers in July and August. The tube and expanded sepals being of the purest waxy white, making it one of the most valuable plants ever introduced for cut flowers. The odor is less heavy than that of the ordinary Tuberose. Each 5c., doz. 50c., per 100 \$3.00.



Excelsior Pearl Tuberose.

Rhododendrons

We have made arrangements with one of the largest and most reliable nurseries, and can supply very fine plants, well set with buds at \$1.00 each, \$12.00 per doz., \$95.00 per 100. These plants will bloom and produce a fine effect this coming season.

Tritoma Uvaria Grandiflora

[*Red-Hot Poker Plant*]

Rich orange red flowers. Each 25c., per doz., \$2.50.

Verbenas

Choice Mixed Colors. Per doz. 75c., per 100 \$5.00.



Hardy Shrubs

Extra Strong Blooming Size, 30c. each, \$3.00 per doz., \$20.00 per 100.

Althea, or Rose of Sharon (*Hibiscus Syriacus*). Double rose. Double white. Double purple leaved.

Barberry, Purple (*Berberis vulgaris purpurea*). Violet colored foliage and fruit; very effective.

Burning Bush (*Euonymus Europeus*). Pods covered with scarlet seeds during autumn and winter.

Calycanthus, Sweet Shrub (*Calycanthus Floridus*). Flowers fragrant and of a chocolate color.

Deutzia Crenata. Bears a profusion of pink and white flowers.

Crenata Flore Plena (*Double Flowering Deutzia*). Flowers double white tinged with pink.

Gracilis. A dwarf bush, covered with spikes of pure white flowers in early summer.

Dogwood, Red Twigg (*Cornus sanguinea*). A strong growing bush with crimson colored branches.

Exochorda Grandiflora. A profusion of lovely pure white flowers. 50c.

Forsythia, Golden Bell (*F. viridissima*). Bears bright yellow flowers before the leaves appear.

Fringe, Purple or Smoke Tree (*Rhus cotinus*). When covered with dew resembles a cloud of smoke.

White (*Chionanthus Virginica*). The bloom is very much like white fringe; pleasing ornaments for the lawn.

Globe Flower (*Kerria, or Corchorus Japonica*). Small shrubs, with abundant yellow flowers in early summer.

Hydrangea Paniculata Grandiflora.

Japan Quince (*Pyrus Japonica*). Flowers dazzling scarlet. Makes an excellent hedge.

Judas Tree, or Japan Red Bud (*C. Japonica*). The flowers are a brilliant rose color. 3 to 5 feet. \$1.00.

Laburnum (*Cytisus laburnum*). Long racemes of golden yellow flowers. In bloom June to July.

Lilac Common (*Syringa vulgaris*). The common purple.

Lilac Common White (*S. Vulgaris alba*). Flowers pure white; very fragrant; beautiful.

Mock Orange, or Syringa (*Philadelphus grandiflorus*). Showy, fragrant large flowers, pure white.

Double Flowering (*Philadelphus Fl. Pl.*) Large fragrant double pure white flowers.

Spiraea Billardii. A strong-growing, pink-flowered.

Prunifolia (*Bridal Wreath*). Flowers double, white and abundant; early blooming.

Thunbergii. Charming, with fine delicate foliage and a profusion of small white flowers.

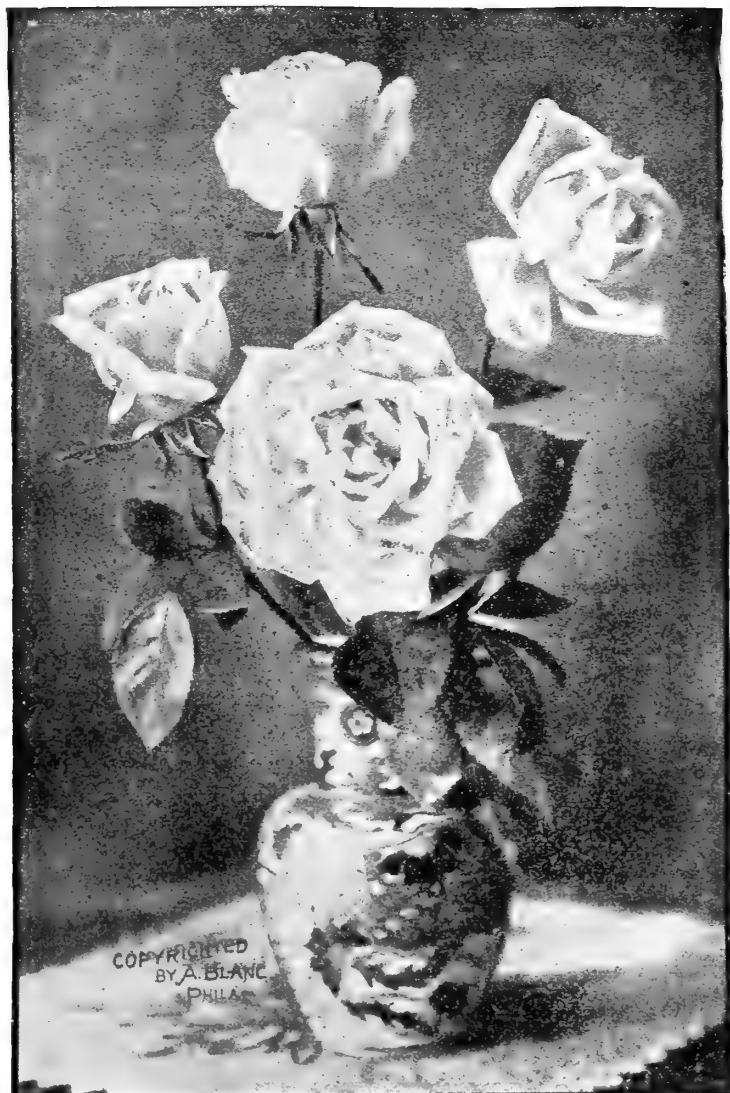
Snowball (*Viburnum opulus sterilis*). Snowy white.

Tamarisk (*Tamarix tetandra*). Feathery foliage, small, fringed, light pink flowers.

Weigela Candida. Pure white.

Rosea. Fine colored Flowers; one of the best.

**WE CAN SUPPLY ALL OTHER SHRUBS NOT
MENTIONED ABOVE.**



Roses—Standard Sorts

True to name. Fine plants. Grown over winter in cold houses, which produce the best results for outside planting.

American Beauty. Crimson. The best hybrid tea.

Baltimore Belle. White climber.

Bridesmaid. Pink. (Tea.)

Bride. Pure white. (Tea.)

Capt. Christy. Pink. Perpetual.

Coquette des Alps. White. Ever-blooming.

Crimson Rambler. Climbing.

Dinsmore. Rich crimson. Perpetual.

Glorie de Dijon. Perpetual.

Gen'l Jacqueminot. Crimson. Perpetual.

Glory of Mosses. Pink. Moss.

Hermosa. Pink. Ever-blooming.

La France. Pink. Hybrid tea.

Maman Cochet. Pink. Ever-blooming.

Mrs. John Laing. Pink. Perpetual.

Marechal Neil. Yellow climbing. (Tea.)

Meteor. Crimson. (Tea.)

Papa Gontier. Carmine. (Tea.)

Perle des Jardins. Yellow. (Tea.)

Prairie Queen. Red climbing. Perpetual.

Ulrich Brunner. Scarlet. Perpetual.

We can furnish all other varieties of Roses.

Extra Strong Plants. Grown in 5-inch pots. 40c. each, \$4.00 per doz., \$25.00 per 100.

Strong Young Plants. 15c. each, \$1.50 per doz., \$10.00 per 100.

3-Year Old, Extra Strong. Grown on their own roots, best varieties. 50c. each, \$5.00 per doz.

Rugosa Roses

The Rugosa Roses form strong hardy bushes 3 to 5 feet in height, covered with handsome glossy green foliage, and clusters of beautiful single flowers. They bloom nearly all summer, and are covered during autumn and winter with red seed pods.

Crimson. Extra strong plants, 40c., per doz. \$4.00.

Pure White. Extra strong plants, each 40c., per doz. \$4.00.

Water Lilies

No plants have acquired such universal appreciation within so short a period as Aquatica. The flowers are most fascinating, interesting and beautiful, and none can be grown with less trouble and risk of failure. The hardy varieties may be planted as soon as vegetation commences in the spring. If not convenient to grow them in a pond or lily tank (which is preferable), they may be grown in tubs, several varieties being adapted to this mode of culture. A warm sheltered position, yet with full exposure and sunshine should be selected. Fill the tubs two-thirds full of turfy soil enriched with decomposed hot-bed or farmyard manure; cow manure is very desirable; cover with two inches of sand and fill with water. The crowns of the plants should be placed just under the surface of the soil.



Nelumbium Speciosum (Egyptian Lotus). This grand lotus is perfectly hardy. The flowers when just expanding are of a beautiful rosy pink color; when open they are of a creamy white and pink, and are very fragrant. Each 75c. and \$1.50.

Nymphaea Alba Candidissima. This is a large flowered variety of the English Water Lily; flowers white, a continuous bloomer, very desirable. Each 75c., doz. \$2.00.

Nymphaea Odorata. The well-known white fragrant pond lily. Each 20c., per doz. \$2.00.

Nymphaea Marliacea Chromatella. The best yellow water lily in cultivation; the habit of the plant is like N. Candidissima, flowering freely the entire season. Each 50c.

Nymphaea Marliacea Albida. The best of hardy white lilies. Price \$1.00 each.

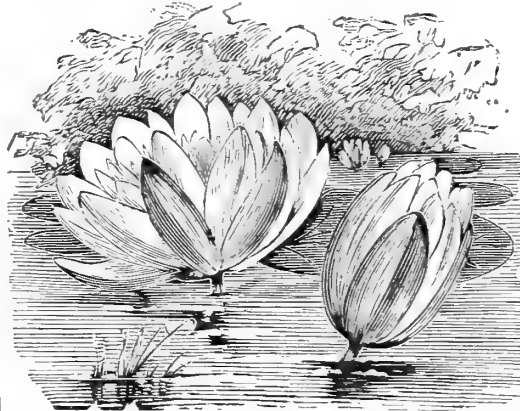
Nymphaea Marliacea Carne. Magnificent flowers of a flesh tint. Price \$1.00 each.

Nymphaea Marliacea Rosea. One of the choicest of hardy pink lilies. Price \$1.50 each.

Nymphaea Odorata Gigantea. This is a superb variety and should be in every collection; similar in all respects to N. Odorata, but the flower is very large and full. A Southern variety of the N. Odorata type. Each 20c., doz. \$2.00.

Nymphaea Odorata Rosea (Cape Cod Water Lily). One of the best pink hardy Nymphaea in cultivation; it possesses all the desirable qualities of the white flowered species, hardiness, freedom of bloom and delicious fragrance. Each 50c.

Nymphaea Odorata Sulphurea. One of the very best new water lilies, with large, yellow fragrant flowers. It is very free blooming and has the fragrance of N. Odorata. The leaves are deep green, beautifully mottled with reddish purple or brown spots; a great acquisition. Each 50c.



Nymphaea Zanzibarensis Azurea. Deep rich azure blue, very free and continuous bloomer; delicately scented. Each 50c.

Nymphaea Scutifolia. Clear light blue, very free flowering, continuous until frost. Each \$1.00.

Nymphaea Zanzibarensis Rosea. This is like N. Zanzibarensis in every respect, except that the flowers are a beautiful deep rose color. Each 50c.

Nymphaea Dentata. The largest and best white, night-blooming variety; flowers of the largest size; long, pointed buds, on strong stalks, opening horizontally; leaves deep green, with serrated edges. Each 50c.

Nymphaea Devoniensis. This is one of the very choicest Water Lilies in cultivation, and indispensable in a moderate collection. The flowers are a brilliant rosy red, produced on stout stalks standing above the water, and are from ten to twelve inches across. The leaves are deep green with reddish shade. Each 50c.

Water Hyacinth. Very interesting and beautiful; floats on the surface of the water and produces fine spikes of light rosy lilac flowers. Each 15c., per doz. \$1.50.

Water Poppy (Limncharis Humboldtii). Flowers beautiful clear yellow; must be grown in shallow water; very attractive. Each 15c., per doz. \$1.50.

Water Snowflake (Limnanthemum Indicum). In growth the plant resembles a water lily, with leaves from three to five inches across; flowers white. Each 15c.

Cyperus Papyrus (Egyptian Paper Plant). Each 25c. and 50c.

SPECIAL OFFER.

For \$1.00 we will supply one each of PINK, BLUE and WHITE HARDY WATER LILIES. Our selection only.

Water Lily Seed

Nymphaea Zanzibarensis. Pkt. 15c.
 " " **Rosea.** Pkt. 15c.
 " " **Azurea.** Pkt. 15c.
 " " **Gracilis.** Pkt. 15c.

SMALL FRUITS, ETC.

Currants

Currants should be planted on good soil, which must be kept rich and well worked. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. Where it has been applied, the fruit should not be used without first being washed.

Black Naples. Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. Two years, per doz. \$1.25, per 100 \$7.00.

Fay's Prolific. Color rich red. Two years, each 15c., per doz. \$1.25, \$7.50 per 100.

Red Dutch. Medium size; in large bunches; the old and well-known currant of the garden. Two years, per doz. \$1.00, per 100 \$6.00.

White Grape. The best white variety; large, sweet and good; best for the table; a good bearer. Two years, very fine, per doz. \$1.00, per 100 \$6.00.

Blackberries

Plant in good rich soil, in rows five feet apart, and three or four feet apart in the row. After the fruiting season or in early spring, cut out all the dead wood. Should be planted early, before the buds start. A good top dressing of stable manure, applied annually, produce large crops. Keep the ground clean and well worked.

Erie. An excellent early berry; ripens its entire crop at once. Berries good size, black, firm, sweet and of good quality. Per doz. 60c., per 100 \$3.00.

Kittatinny. Large, juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. Per doz. 50c., per 100 \$2.50.

Wilson's Early. A well-known and desirable variety; ripens early. Per doz. 50c., per 100 \$2.50.

Wilson's Junior. Of large size, unsurpassed productiveness, fine flavor and early. The largest and best early blackberry yet introduced. Per doz. 50c., per 100 \$2.50.

Gooseberries

Treatment same as for Currants.

Downing. Large pale green; soft, juicy and good for family use. Two years, per doz. \$1.00; per 100 \$6.00.

Houghton's Seedling. Medium, pale red, vigorous. Two years, per doz. \$1.00, per 100 \$6.00.

Industry. Although a foreign sort, it has done admirably, being a vigorous grower and an immense yielder, and showing no signs of mildew. We confidently recommend it for the garden, being unequalled for size, flavor, productiveness and vigorous growth. Color dark red. Each 25c., per doz. \$2.00.



New Strawberry Raspberry.

Tested here for three years, and constantly growing in favor; one of the most beautiful fruits ever seen. Berries the size and shape of the largest strawberries; bright, rich glowing scarlet; fine for jams, jellies and cooking. Bush grows 18 inches to two feet high, bears the first season and continues fruiting for three months; dies down in winter, but is entirely hardy, and does well everywhere regardless of drought or heat. Every garden should have some of these really good berries, they are sure to please. \$2.00 per doz., \$8.00 per 100.

NEW
Strawberry
Raspberry;
or
Tree
Strawberry

Raspberries

Plant in rows five to six feet apart, two to four feet apart in the row. Cut the tops off within a few inches of the ground when planted. Pinch the vigorous young shoots several times during the summer; they will then grow stout enough to stand without staking.

Brandywine. Large; bright red, hardy and productive; an old variety, extensively grown. Per doz. 50c., per 100, \$2.50.

Cuthbert. Large, firm, deep, rich crimson, of excellent quality; perfectly hardy and very productive. Per doz. 50c., per 100 \$2.50.

Philadelphia. Dark crimson; a variety grown for market, on account of its hardiness and productiveness. Per doz. 75c., per 100 \$3.00.

Gregg. A large black variety; fruit firm, of excellent quality and a good shipper. Per doz. 50c., per 100 \$2.50.

Japanese, or Wineberry. Large clusters of red berries, excellent for jelly or preserving. Each 10c., per doz. \$1.00.

Hardy Grape Vines.

Very strong two year old roots, true to name. Each 25c., per doz. \$2.50, per 100 \$12.50.

Catawba. A very good keeper; red sweet and rich, with pleasant flavor. Does best against buildings.

Concord. One of the most profitable of all hardy grapes. Bunch and berry large; black, juicy and sweet.

Duchess. Medium size; greenish white; excellent quality; compact bunch. Ripens with Concord.


Lady. Bunch compact and of good size; berry yellowish green; flavor sweet, rich and sprightly.

Martha (White Concord). Large, pale yellow; strongly resembles the Concord in all points except color; hardy and vigorous.

Moore's Early. Bunch and berry round and large; black, with a heavy blue bloom.

Niagara. Bunches very large and very compact; berries large, light greenish white, skin thin but tough, and does not crack; quality good.

Salem (Rogers' No. 22). Large; bright redish brown; fine rich, aromatic flavor.

 We also have some extra strong vines of the above sorts at 50c. each, per doz \$5.00.

Foreign Grape Vines, for indoor graperies. All the best varieties. One year old vines, each 75c., per doz. \$7.50. Strong two year old vines, each \$1.50, per doz. \$15.00.

Strawberry Plants—Extra Strong

All the leading and tested varieties. Per doz. 25c., per 100 \$1.00, per 1000 \$5.00.

Pot Grown Strawberry Plants

Ready August 1st. Per 100 \$3.00, per 1000 \$25.00.

Hedge Plants

CALIFORNIA, or JAPAN PRIVET.

An exceedingly beautiful, nearly evergreen; shrub pyramidal form; very vigorous and hardy; leaves deep green, bright and very glossy; bears spikes of fine, white flowers in June; highly ornamental. This is decidedly superior to all other plants for edges. Especially adapted for hedges at the seashore; very easily transplanted. Beware of spurious kinds of privet which are being offered for the above and which are not nearly so desirable; ours are the genuine California, or Japan privet (*Ligustrum Ovalifolium*). Most of them have been transplanted and are furnished with an abundance of fine fibrous roots, are well branched and are sure to give satisfaction.

One year old, 1 to 2 feet high. Per 100 \$3.50, per 1000 \$27.50.

Two years old, 2 to 2½ feet high. Per 100 \$5.00, per 1000 \$40.00.

Two years old, 2½ to 3 feet high. Extra fine. Per 100 \$6.00, per 1000 \$50.00.

Osage Orange

Extra strong two year old plants. Per 100 \$1.00, per 1000 \$7.00.

..Highest Quality.. FERTILIZERS ..Guaranteed Pure..

ASHES (Canada Unleached Hard Wood).

These contain all of the fertilizing elements except nitrogen. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops. Apply about 1000 lbs. to the acre. Per 100 lbs. \$1.50, bbl. of 250 lbs. \$3.00, ton of 2000 lbs., in barrels, \$20.00, carload lots of about 20 tons, in bulk, \$12.50 per ton.

THE COST OF WOOD ASHES can be reduced \$3.00 per ton by customers giving us their order 2 to 3 weeks ahead, to enable us to ship it direct from Canada to the customer. Special rate on application.

Michell's (Strictly Pure and Fresh) Bone Meal.

In fertilization nothing takes precedence in importance over animal bones, because they furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. On the average, 1000 lbs. of good bone dust contain about 38 lbs. of nitrogen and nearly 25 per cent. of phosphoric acid; to put it familiarly, 1 ton of good bone dust contains as much nitrogen as 8½ tons fresh stable manure, and as much phosphoric acid as 110 tons of same. The most substantial fertilizer for plants and lawns. 3 lb. box 15c., 5 lb. bag 25c., 10 lbs. 40c., 25 lbs. 75c., 100 lbs. \$2.10, sack of 200 lbs. \$4.00, ton \$30.00.

PURE GROUND BONE.

Coarser than bone meal; apply 400 lbs. to the acre. 25 lbs. 75c., 100 lbs. \$2.00, sack of 200 lbs. \$3.50, ton \$30.00.

PURE BONE FLOUR.

Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs. 25c., 25 lbs. \$1.25, 100 lbs. \$2.50, bag or bbl. of 200 lbs. \$4.50, ton \$40.00.

SUPER-PHOSPHATE (High Grade).

ANALYSIS: Ammonia, 5 to 6 per cent.; bone phosphate, 24 per cent.; Available Phos. Acid, 8 to 9 per cent.; Sulph. Potash, 1 to 2 per cent. It stands without a rival as the largest crop producer at the smallest outlay. It is a complete manure. You can buy phosphates that cost \$5.00 to \$10.00 per ton more, but you can't buy one that will give larger increase in crops. Harrow or drill in, using 200 to 300 lbs. per acre; if applied broadcast, use 300 lbs. per acre. 25 lbs. 50c., 100 lbs. \$2.00, 200 lbs. \$3.50, per ton \$28.00.

No. 1 BONE PHOSPHATE.

An excellent guaranteed grade. Analysis: Ammonia, 2.25 to 3.00; Available Phosphoric Acid, 9.25 to 11.00; Potash, actual, 2.50 to 3.50. A very quick acting fertilizer for general use. \$3.00 per sack of 200 lbs., \$25.00 per ton.

PERUVIAN GUANO.

1½ lb. box 15c., 3½ lb. box 25c., 10 lbs. 50c., 100 lbs. \$3.25, sack of 200 lbs. \$6.00, per ton \$52.00.

NITRATE OF SODA.

For all crops. Contains the largest percentage of nitrogen; equal to 19 per cent. of ammonia. It is very quick in action, and hastens maturity of crops fully two weeks. *Should not be applied until the plants are above the ground*, when 100 to 150 lbs. per acre should be sown with other fertilizers, or mixed with phosphates. Shipped in double bags. 50 lbs. \$2.00, 100 lbs. \$3.50, 200 lbs. \$6.00, per ton \$44.00.

AGRICULTURAL SALT.

For topdressing lawns or asparagus beds. Apply early in spring, at rate of 800 to 1000 lbs. per acre. 200 lbs. \$1.25, ton \$8.00.

MAPES' CELEBRATED FERTILIZERS.

Prices quoted here are f. o. b. Phila. It is, however, more advantageous to the customer to have them shipped direct from Mapes' factory, as the price will be 25c. less per sack, and \$2.00 less per ton than prices herewith quoted, only paying one freight charge.

	Sack of 200 lbs.	Ton of 2000 lbs.		Sack of 200 lbs.	Ton of 2000 lbs.
Potato manure, . . .	\$4.50	\$39.00	Complete manure, for general use, \$4.25	\$38.00	
Corn " " " "	4.25	36.00	" " " " for heavy soils, 4.50	39.00	
Cabbage & cauliflower manure	4.25	38.00	" " " " for light soils, 4.50	41.00	
Fruit and vine manure, . .	4.25	39.00	Vegetable " " for all soils, 4.50	41.00	
Grass and grain spring top-dressing,	4.25	40.00	Early vegetable and truck manure, 4.50	41.00	

PRICE OF "JADOO" FIBRE.

5 lb. box 30 cts., 10 lb. box 50 cts., 25 lbs. for \$1.10, in full bag lots, about 130 lbs. 3 cts. per lb., per ton or ½ ton lot 2½ cts. per lb.

PRICE OF "JADOO" LIQUID.

25 cts. per pint bottle, \$2.00 per doz. pint bottles, \$3.50 per 2 dozen pint bottles in case; per 2 gallon can, \$1.50; per 5 gallon can, \$3.75; per 10 gallon can \$7.50.



Protected by Letters Patent.

Sharpless & Carpenter's Potato, Corn and Truck Guano.

Guaranteed analysis: Actual Potash, 6 to 8 per cent; Ammonia 1½ to 2½ per cent.; Available Phos. Acid, 6 to 8 per cent. This brand in addition to its being made from best materials obtainable, contains as a filler, ground tobacco stems, which we believe to be one of the best articles ever used in a fertilizer to prevent scabs on potatoes and cut worms in corn ground. Pamphlet containing full information upon application. Price \$3.50 per sack of 200 lbs., \$30.00 per ton.

KAINIT

One of the most useful fertilizers. Apply at the rate of 1000 lbs. per acre. Should be spread during winter. 100 lbs. \$1.25, 200 lbs. \$2.00, per ton \$15.00.

BOWKER'S CHEMICAL FERTILIZER.

For general forcing (indoors or out) apply at the rate of about one pound to each hot-bed sash, or six pounds to every one hundred square feet of bed, thoroughly worked into the soil to the depth of two or three inches.

For forcing lettuce, cabbage, tomato plants, etc., apply from four to six pounds per one hundred square feet, thoroughly mixed with the soil. Half the quantity may be applied a month later.

For carnations, violets and similar plants use at the rate of four to six pounds for every 100 square feet, or two to three pounds may be applied at one dressing, and then a month later apply two or three pounds more. More explicit directions sent on application. 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00.

BOWKER'S AMMONIATED FOOD FOR FLOWERS.

Made especially for plants grown in conservatory, house or garden. Clean, free from offensive odor. Full directions with each package. Package 25c., by mail 40c.

COTTON SEED MEAL.

\$3.00 per 100 lb. sack, \$25.00 per ton. Special price will be quoted on larger lots.

PULVERIZED SHEEP MANURE (Fresh),

A most excellent fertilizer. 2 lbs. 15c., 4 lbs. 25c., 10 lbs. 50c., 25 lb. bag \$1.00, 50 lbs. \$1.50, 100 lbs. \$2.50, per ton \$32.50.

CLAY'S FERTILIZER.

Imported manure especially recommended for flowers or vegetables, to bring the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.50.

MURIATE OF POTASH.

50 lbs. \$2.25, 100 lbs. \$3.50, original bag of 224 lbs. \$6.00.

LAND PLASTER (Calcined).

25 lbs. 50c., 100 lbs. \$1.00, bbl. \$1.50, ton \$8.00.

Fertilizer Materials. So Carolina Rock. Dissolved Phosphate. Dissolved Bone Black. Sulphate of Ammonia. Dried Blood. Tankage. Dried Fish. Sulphate of Potash. Sulphate of Magnesia. Sulphuric Acid. Lowest market prices on application.

Descriptive information and copies of testimonials on "Jadoo" free on application.

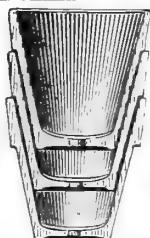
SPECIAL NOTICE.

The American "Jadoo" Company will offer cash premiums at all exhibitions in 1898 for all plants that were grown in Jadoo Fibre, as also all plants that were grown in soil and watered with Jadoo Liquid that win first scheduled prizes.

Send for Descriptive circular.

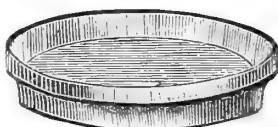
Full inside measurement, height and width.

500 Supplied at 1000 Rates.



Size.	Per doz.	Per 100	Per 1000
1 1/4 inches, height and width inside.....	\$0.07	\$0.45	\$3.60
2	.08	.50	4.00
2 1/4	.09	.54	4.50
2 1/2	.10	.63	5.20
3	.12	.72	5.85
3 1/2	.16	1.04	8.35
4	.18	1.22	9.90
4 1/4	.22	1.35	10.60
4 1/2	.24	1.44	11.25
5	.30	2.03	16.20
5 1/2	.43	2.80	22.50
6	.51	3.38	27.00
6 1/2	.65	4.21	33.75
7	.76	5.04	40.50
8	1.08	7.02	56.25
9	1.88	12.38	99.00
10	2.17	14.36	114.75
11	2.98	19.67	157.50
12	3.40	22.50	180.00
14	5.25	34.88	279.00

3 inch, per dozen,	\$0.15
4 " "	.20
5 " "	.25
6 " "	.30
7 " "	.40
8 " "	.50



9 inch, per dozen,	\$0.80
10 " " "	1.00
11 " " "	1.20
12 " " "	1.45
14 " " "	1.70

			Per doz.	Per 100.
6 inches wide	x 3	inches deep.....	\$0.60	\$3.00
7	"	" x 3 $\frac{1}{2}$ " " .....	.75	4.00
8	"	" x 4 " " .....	.90	5.00
9	"	" x 4 $\frac{1}{2}$ " "	1.40	7.00
10	"	" x 5 " "	1.65	9.00
12	"	" x 6 " "	2.00	12.00
14	"	" x 7 " "	3.00	25.00
16	"	" x 8 " "	3.60	30.00
18	"	" x 9 " "	4.25	35.00

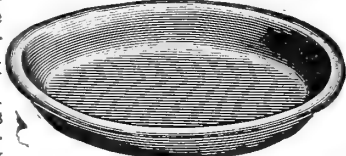
6 inches x 6 inches.....	per doz.	\$2.00
8 " x 8 "	"	2.40
10 " x 10 "	"	3 00
12 " x 12 "	"	3.50



A detailed black and white illustration of a tall, cylindrical container, possibly a measuring vessel or a small barrel. The container has a flared rim and a textured surface, possibly representing a woven or ribbed material. It is shown from a slightly low angle, casting a shadow on the ground to its left.

No.	Diam.	Depth.	Each.	Per doz.
0	8 in.	13 in.	\$0.50	\$5.00
1	5½ "	10 "	.40	4.00
2	4½ "	9 "	.35	3.50
3	4 "	6 "	.30	3.00
4	3 "	4½ "	.25	2.50

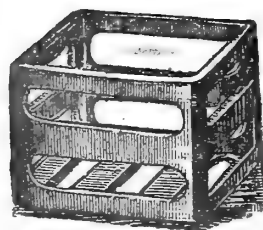
Water proof
and unbreak-
able which are
2 very import-
ant points in
saucers. They
can be placed
under plants
in pots on car-
pets, window
sills, etc., with
stand. 4 in. 70¢
\$1.05, 12 in. \$1.



Square, 4 in.	Each \$0.15	Doz. \$1.35	Round, 6 in.	Each \$0.25	Doz. \$2.50
" 5 "	.20	1.80	" 8 "	.35	3.50
" 6 "	.25	2.25	" 10 "	.45	4.50
" 7 "	.30	2.70			

These are made of cedar and heavy copper wire, and are practically indestructible.

	Each	Doz.		Each	Doz.
6 in.....	\$0.40	\$4.50	10 in.....	\$0.60	\$6.75
8 ".....	.50	5.50	12 ".....	.75	8.00



Made of white cedar, bound with extra heavy iron hoops. Drop handles of special pattern, serving as hooks. Substantial iron feet of original design. Removable perforated bottoms, painted green outside and brown inside.

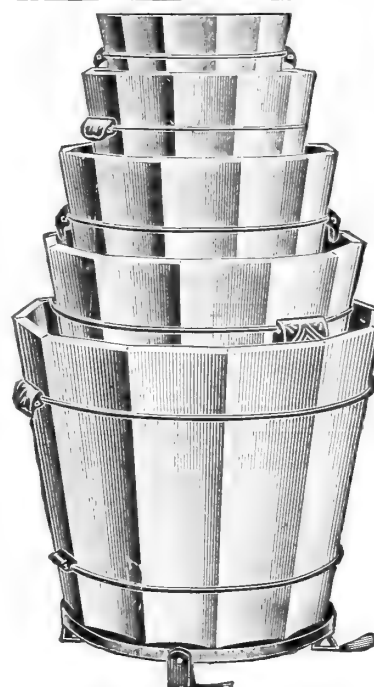
(MACHINE MADE).

(MACHINE MADE).			
No.	Outside diam.	Length of stave.	
0	27 in.	24 in.	\$6 75
1	25 "	22 "	5.50
2	23 "	20 "	4.50
3	21 "	18 "	3 85
4	18 "	16 "	3.25
5	16 "	14 "	2.75
6	14 "	12 "	2.30
7	13 "	11 "	2 10
8	12 "	10 "	1.90



(HAND MADE).

No.	Outside diam.	Length of stave.	
0	27 in.	24 in.	\$5.00
1	25 "	22 "	4.50
2	23 "	20 "	3.75
3	21 "	18 "	3.25
4	19½ in.	16 "	2.75
5	18 "	14 "	2.40
6	16½ "	13 "	2.00
7	15 "	12 "	1.75
8	14 "	10 "	1.50



We have had numerous demands for low priced tubs, and find these suitable, ornamental and durable.

12 in.	diam.	x 11 in.	high, each,	\$1.25
15	"	x 14	" "	1.75
18	"	x 16	" "	2.25
21	"	x 18	" "	2.75
24	"	x 20	" "	3.50

Especially made for us to fit all
the above sizes of plant tubs.

40c. to \$1.00 each, according to size.

Made of indurated wood fibre, very strong and durable. Convenient to handle as they sit on ball bearing casters or rollers. 35c. to \$1.00 each according to size.

Ornamental Iron Lawn Vases.

Prices very low.

Send for Illustrated
Catalogue and
prices.



INSECT DESTROYERS.

Ant Exterminator. Very effectual for destroying ants in gardens and lawns. Per pkge. 25c., 50c., \$1.00.

Bordeaux Mixture. For black rot, downy mildew, and anthracnose of grapes, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungus diseases. 5 lbs. 60c., makes 25 gallons spray; 10 lbs. \$1.00, makes 50 gallons spray.

Bordeaux Mixture. In liquid form, 40c. per qt., \$1.25 per gallon.

Caterpillar Lime, Ermish's. Cans of 5 lbs. \$1.00, 10 lbs. \$1.75, kegs of 25 lbs. \$3.75, 50 lbs. \$6.75.

Copperdine. For black rot, carnation rust and anthracnose of the grape, pear leaf blight, apple scab and powdery mildew. One gallon cans (makes 100 gallons wash), per qt. 50c., per gal. \$1.50, five gal. can \$6.25.

Dalmatian or Persian Powder. Pure, 1/4 lb. 15c., lb. 40c.

Fir Tree Oil. For destroying insects, such as mealy bug, red spider, scale, thrip, green fly, etc. Full directions with each can. Qt. \$1.50, pt. 75c., 1/2 pt. 50c., small bottle 25c.

Fir Tree Oil Soap. Per can 25c. and 50c. each.

Fostite. Prevents mildew. Five lbs. 50c., 25 lbs. \$2.00.

Gishurst's Compound. Extensively used for preventing and destroying green fly, mildew, thrip, mealy bug and scale. Box 50c., 3 lb. box \$1.00.

Good's Caustic Potash Whale Oil Soap. Per 50 lb. keg \$3.00; per lb. 10c.

Grape Dust. Best remedy for mildew. 5 lb. pkgs. 30c., 100 lb. keg \$5.00.

Hellebore. For destroying rose slugs. With directions. Lb. 25c., 1/2 lb. 15c.

Kerosene Emulsion. For plant lice of any kind, cabbage worms, scale, insects on apple, pear, orange, lemon and other trees. 5 lb. can 60c., makes 50 gallons of spray; 25 lb. can \$2.50, makes 250 gals. of spray.

Kill M Right. Two-lb. can 50c., five-lb. can \$1.20, ten-lb. can \$2.25, 25 lb. can \$4.00.



Lemon Oil Insecticide.

The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually destroys Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 25c. Pint, 40c.
 Quart, 75c. Half Gal., \$1.25
 Gal., \$2.00 5 Gal. Kegs, \$9.00
 10 Gallon Kegs, \$17.50

Lemon Oil

London Purple. Cheaper and less dangerous than Paris green. Lb. 20c., 5 lbs. 90c. Special price on larger quantity.

Nikoteen. One of the most economical and powerful nicotine extracts. One part to 600 of water is sufficiently strong to kill all insects except scale, for which use one part to 400 parts water. Per pint \$1.50. Outfit for using Nikoteen \$3.00 complete.

Paris Green, Pure. Lb. 25c., 5 lbs. \$1.20, 14 lb. buckets \$3.00.

"Pillar Catter". The most effectual device yet introduced to prevent catterpillars from infesting trees. Per yard 15c.

Quassine. Per gal. \$1.25.

Rose Leaf Extract of Tobacco. Per qt. 50c., per gal. \$1.50, 5 gal. \$5.00.

Seal Oil Soap. 1-lb. can 25c., 10 lbs. for \$2.00.

Slug Shot. 5 lbs. 25c., 100 lbs. \$4.25. Bulk, in barrels weighing about 225 lbs., 33c. per lb.

Sulphur. A preventive and cure for mildew. Lb. 7c., 5 lbs. 30c., 100 lbs. \$4.00.

Tobacco Dust. Cheaper than snuff, and quite as effectual. Sure remedy for green fly. 5 lb. pkge. 25c., 100 lb. \$3.00.

Tobacco Soap (Pinners). For destroying insects, parasites and their eggs, infesting either plants or animals. Lb. 49c.

Tobacco Stems, Fresh. For fumigating.

Lb. 10c., bbl. \$1.00, bales of about 250 lbs. \$2.00, per 1/2 ton \$6.00, per ton \$11.00.

Whale Oil Soap. For destroying and preventing insects on plants, trees, vines, etc.; for washing down the bark of trees, grape vines, etc. In cans, with directions, 20c., 35c. and 50c.; in bulk, 10 lbs. 90c.

KNAPSACK... ...SPRAYER

Deming's Best.

Copper, - - - - \$11.00



WEED KILLER, HAYWARD'S.

A great English remedy for killing weeds in gravel and other walks and drives. Price 80c. per can, sufficient to make 25 gallons liquid.

FUMIGATORS.

Perfection, No. 1, holds 1 pk. of stems, \$3.00.

Perfection, No. 2 holds 1/2 bush. of stems, \$3.75.

Perfection, No. 3, holds 3/4 bush. of stems, \$4.50.

Perfection, No. 4, holds 1 bush. of stems, \$5.50.

The "New Model." Manufactured by a practical gardener. No. 1 \$3.00 each, No. 2, \$4.00 each, No. 3, \$5.00 each.

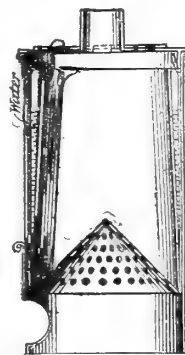
Eureka, No. 1, height 12 in., for a house 10x20 ft., \$1.25.

Eureka, No. 2, height 16 in., for a house 12x40 ft. \$1.75.

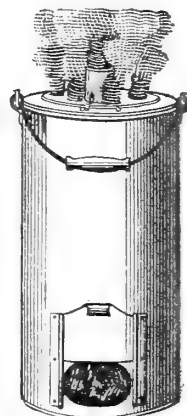
Eureka, No. 3, height 20 in., for a house 15x100 ft. \$2.25

Eureka, No. 4, height 24 inches, for a house 20x100 feet. \$3.25.

A new little Practical Fumigator. Price 25c.

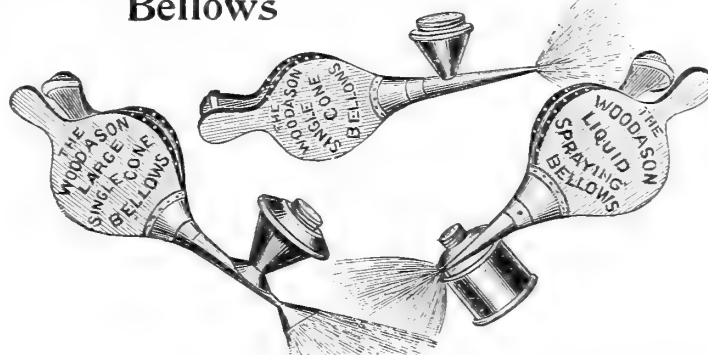


Water tank Fumigator.



"Perfection"

Bellows



BELLOWS

For Applying the Insect Destroyers.

Large Double Cone. Each \$2.75	Liquid Spraying. Each \$1.00 and \$2.00.
Large Single Cone. Each \$1.75	
Small Single Cone. Each \$1.00	Sulphur Bellows. Each \$1.50.

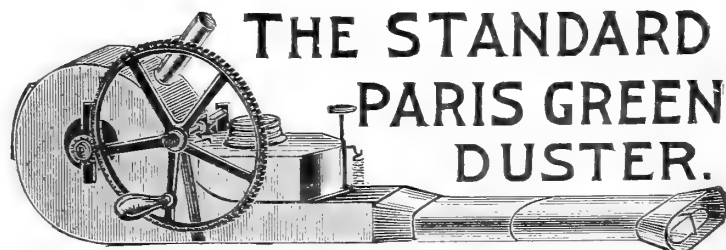
THE CLEVELAND WEED EXTRACTOR.



Removes the weeds bodily including the root.

The curved edge of blade enters and loosens the soil; pressure on the lever then causes the toothed jaw to grasp the weed, and a slight pull suffices to dislodge same without disturbing the surrounding sod.

Price 75c. each.



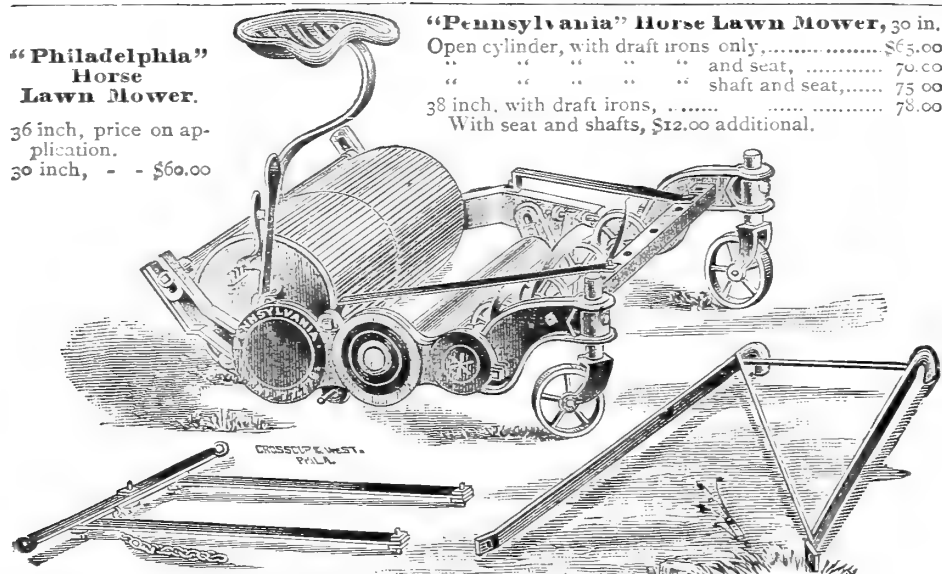
THE STANDARD PARIS GREEN DUSTER.

Price \$5.00 each; large size \$7.50 each.

LAWN MOWERS, ETC.

"Philadelphia" Horse Lawn Mower.

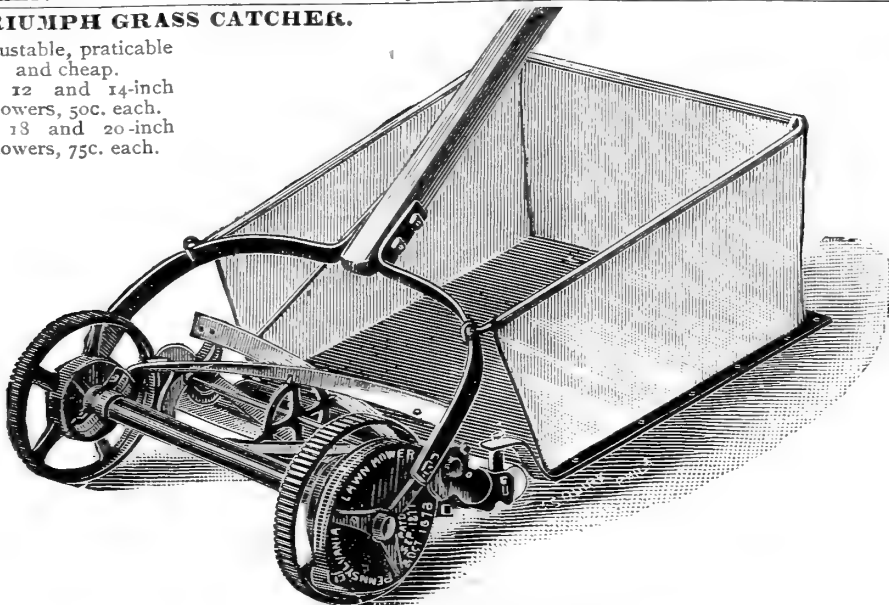
36 inch, price on application.
30 inch, - - \$60.00



"Pennsylvania" Horse Lawn Mower, 30 in.
Open cylinder, with draft irons only, \$65.00
" " " " and seat, 70.00
" " " " shaft and seat, 75.00
38 inch, with draft irons, 78.00
With seat and shafts, \$12.00 additional.

Pennsylvania and Continental Pony Lawn Mowers. Width of cut 25 in., \$28.00.
TRIUMPH GRASS CATCHER.

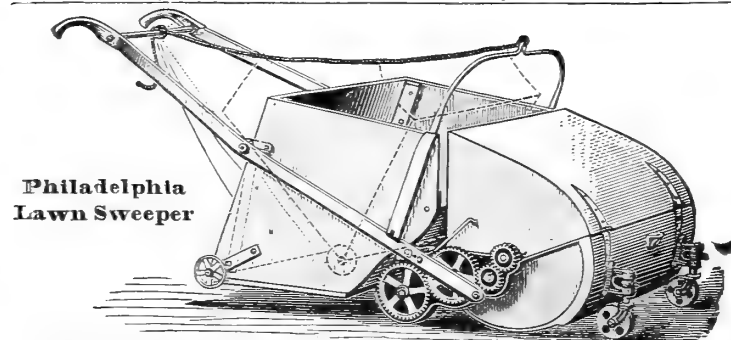
Adjustable, practicable and cheap.
10, 12 and 14-inch mowers, 50c. each.
16, 18 and 20-inch mowers, 75c. each.



THE PENNSYLVANIA LAWN MOWER WITH BRAUN'S GRASS CATCHER ATTACHED.

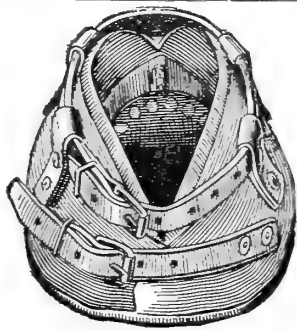
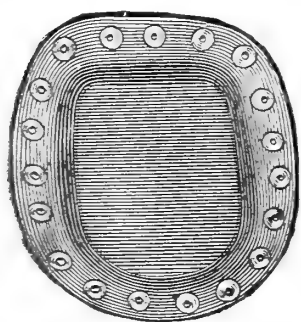
BRAUN GRASS CATCHER.

Suitable for Pennsylvania, Continental, Great American and New Quaker City Lawn Mowers.		Suitable for Pennsylvania and Continental High Wheel Lawn Mowers	
10-inch, \$1.15 each.	16-inch, \$1.45 each.	15-inch, \$1.40 each.	21-inch, \$1.70 each.
12 " 1.25 "	18 " 1.50 "	17 " 1.50 "	25 " Pony 2.00 "
14 " 1.35 "		19 " 1.60 "	



Philadelphia Lawn Sweeper

A simple machine for cleaning the lawn. A driving roller gives motion to a revolving brush placed directly in front, causing it to sweep the sod clean and throw the sweepings backward from the top of the brush into a large box in the rear of the roller. The box can be dumped without stopping. Sweeps 40 inches wide. \$52.00.



Lawn Boots for Horses

Made of Harness Leather.

All Hand Riveted.

With Extra Toe Piece. Price per set of four, \$7.50.

Lawn Mowers

Pennsylvania and Continental

10-inch, low wheel	..... \$4.75
12 " " "	..... 5.25
14 " " "	..... 5.75
16 " " "	..... 6.25
18 " " "	..... 6.75
15 " high wheel,	..... 9.00
17 " " "	..... 10.00
19 " " "	..... 11.00
21 " " "	..... 12.00

The "New Departure" Lawn Mower.

No sharpening. No setting.
10-inch cut, \$3.25 | 14-inch cut, \$3.75
12 " " 3.50 | 16 " " 4.25

Girard Low Wheel.

10-inch, \$2.50 | 14-inch, \$3.00
12 " \$2.75 | 16 " 3.75

Philadelphia.

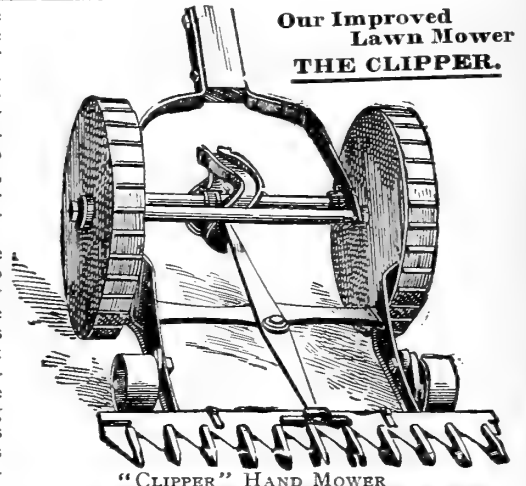
10-inch cut, \$4.25 | 16-inch cut, \$6.00
12 " " 4.75 | 18 " " 6.75
14 " " 5.25

Girard New High Wheel.

14-inch, \$3.50 | 18-inch, \$4.00
16 " 3.75

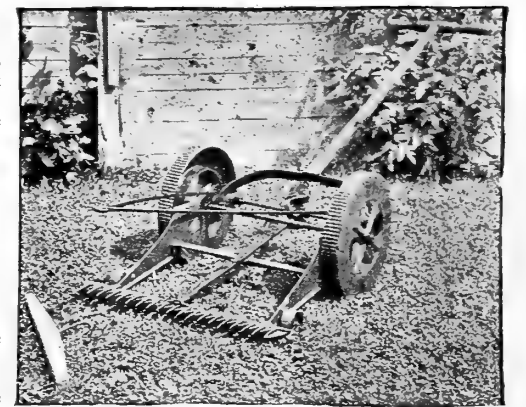
It is light, more durable and less liable to get out of order than those now in general use. On account of the simplicity of construction, nothing escapes the grasp of the Clipper, weeds, dandelion and plantain being cut as closely and evenly as grass. The height of the grass is immaterial to the Clipper, as it only requires the same power to cut grass two feet high as it would to cut two inches, and cuts more closely in the mowing of irregular surfaces and spaces, such as between posts of fences, walks and shrubbery. In introducing the Clipper to you, we wish to impress upon your minds that there is no use for the sickle or shears where the Clipper is used.

The cutter bar is directly in front of the wheels. The wheels travel over the ground where the grass is cut, never rolling down the standing grass with the wheels as other lawn mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the



Our Improved Lawn Mower THE CLIPPER.

"CLIPPER" HAND MOWER



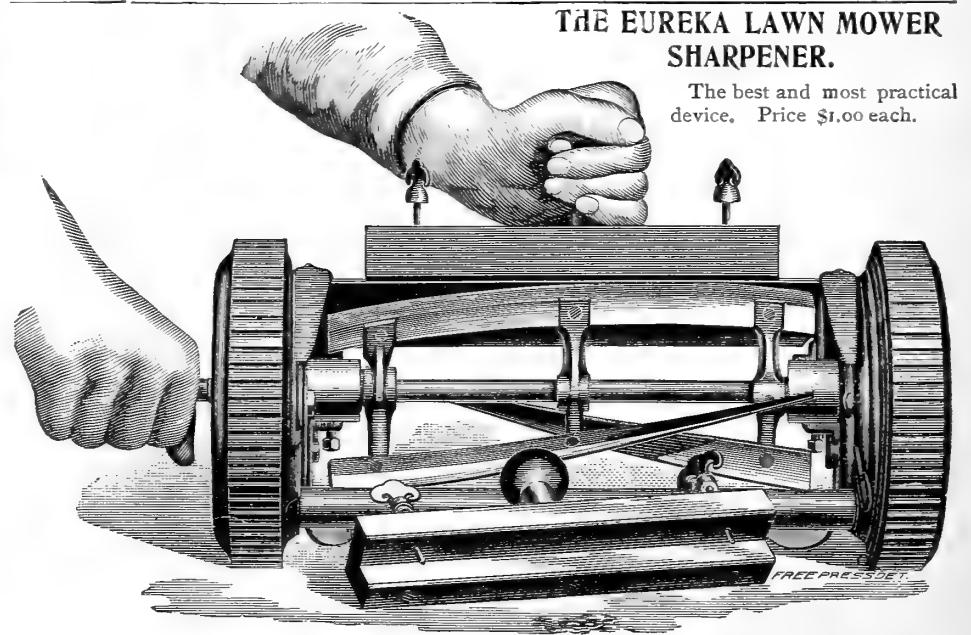
THE "CLIPPER" PONY MOWER

grass. The knives can be sharpened in the machine with small file or whetstone, or can be taken out and ground, but they must never be sharpened anywhere except on beveled side of knives. 10 in. \$6.00, 12 in. \$7.00, 15 in. \$8.00, 18 in. \$9.00, 24 in. \$10.00.

The Pony Mower has a cutter bar 24 inches long. The wheels are 15 inches in height. The face of the wheels is 2 inches. The handle is much heavier than that of the hand mowers. A V-shaped drag bar is attached to handle irons, to which pony is attached. The mower's weight is about 85 pounds. One man can run it on the level and cut the grass, but its weight is against it to cut up hill. 24 inch \$17.50.

THE EUREKA LAWN MOWER SHARPENER.

The best and most practical device. Price \$1.00 each.



The "Imperial" Lawn Mowers are used on the lawns and exercise grounds at West Point Academy.

"PLANET Jr." GARDEN TOOLS FOR 1898.

Space will not permit illustrating and describing all of the "Planet, Jr." tools, but we will gladly send a fully illustrated catalogue to any who desires it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines; the best on the market. Great improvements have been made for 1898, and we direct special attention to the description of the new No. 4 and No. 5 Seed Sowers; the new No. 11 steel arch Double Wheel Hoe and the No. 15 Single Wheel Hoe. You can rely on getting bottom prices from us on any of these goods.

The "Planet Jr." No. 5 Hill Dropping Seeder

Price \$12.00

We all know that a garden seed sower that does not drop in hills is fast becoming a thing of the past, for there are but few now who do not wish to plant beans, corn, spinach, salsify, carrots, turnips, parsnips and beets in hills. All crops that are to be grown from seed and then thinned at a regular stand, should be planted in hills and at just the distance apart the plants are desired. The new No. 5 "Planet Jr." drops at 5, 6, 8, 10, 12, 16, 24 and 48 inches apart and also in a continuous row. Its large capacity, four quarts, will suit all large growers, and yet it works so perfectly that

it will sow a single paper of seed or drop it in hills accurately, to the very last grain.

The "Planet Jr." No. 4 Combined Hill Dropping Seeder.

This is exactly the same style of seeder that has proven such a marvelous success in the No. 5 "Planet Jr." Hill Dropper. It holds two quarts. It drops at 6, 9, 12, 18 and 36 inches. It is like No. 5 in dropping in just the same way and just as accurately.

The drill is quickly detached and the tool frame substituted. It then becomes a most admirable single wheel hoe.

Price, complete \$10.00
As a drill only, \$7.00

The "Planet Jr." No. 10 Double Wheel Hoe

The "Planet Jr." Double Wheel Hoe will straddle plants eighteen inches high, and finish rows from six to eighteen inches apart at one passage. The wheels are only ten inches high, as a high wheel is wrong for a Wheel Hoe, since the wheels are simply depth regulators, not load carriers.

Price \$6.00
Plain Double Wheel Hoe (with hoes only) \$3.50

"Planet Jr." Single Wheel Hoe

To supply a demand for a cheap Single Wheel Hoe, we offer this machine (plain with Hoes only), at \$2.75. Complete with all attachments \$4.50.

The "Fire-Fly" Single Wheel Hoe

This popular tool is exactly the same as the "Planet Jr." Single Wheel Hoe, except it does not have the rakes or leaf lifter. Price. \$3.75.

Price complete, \$4.50.

The "Planet Jr." No. 11 Double Wheel Hoe

This tool first offered for '98, combines in itself the good points of its predecessors with valuable new ideas. It has 11 inch wheels, which can be set at four different distances apart; the frame is malleable, and can be set at three different heights. The handles are adjustable and, being attached to the arch, are entirely undisturbed in making changes of the height of frame, width of wheels or in the adjustment of the tools themselves.

The arch is of stiff steel unusually high. The design of the frame is novel, allowing all changes of tools to be made without removal of the nuts from the standards. A pair of model rakes and a pair of new style hoes are added to the usual equipment—seven pairs of tools in all. Price, complete, \$8.00. Without rakes, small hoes and leaf lifters, \$6.00. With one pair of 6 inch hoes only, \$4.00.

The "Fire-Fly" Wheel Garden Plow.

This tool is invaluable for those who have small gardens. Price \$2 00.

"Planet Jr." No. 15 Single Wheel Hoe

This latest and best Wheel Hoe, improved greatly for 1898, has an 11 inch wheel, with broad face, and a conveniently arranged and a very full set of tools, several of them being of new, special design, such as have been found to perform wheel hoe work in the very best manner.

Price, as in cut, \$6 00.

With one pair of hoes, three cultivator teeth and leaf lifter, \$5.00.

With one pair hoes, three cultivator teeth and leaf lifter \$4.00.
With one pair 6 inch hoes, \$3.00.

"Planet Jr." 12-tooth Strawberry Cultivator and Harrow

This comparatively new tool has rapidly grown into favor with market gardeners and strawberry growers. It is carefully made and finished, has a high frame and the chisel-shaped teeth cut 1 in. wide each, and may be worn down 3 in. before that width is lessened. It contracts to 12 in., and may be further reduced in width by taking off the outside teeth; it expands to 32 in. It cultivates deep without throwing earth upon the plants, and the smooth round-throated teeth turn strawberry runners.

Price plain \$4.90
with wheel, \$6.15
Complete, 7.50

The "Planet Jr." No. 8 Horse Hoe.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest.

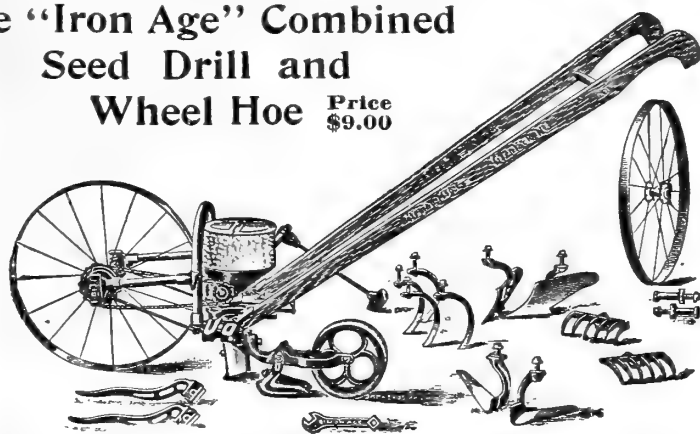
Price, as in cut, - - - \$7.50
Without Depth Regulator, 7.00

No. 4 Horse Hoe, complete, \$5.50
No. 5 Horse Hoe, complete, 6.25

IRON AGE GARDEN AND FARM IMPLEMENTS.

The "Iron Age" Combined Seed Drill and Wheel Hoe

Price \$9.00

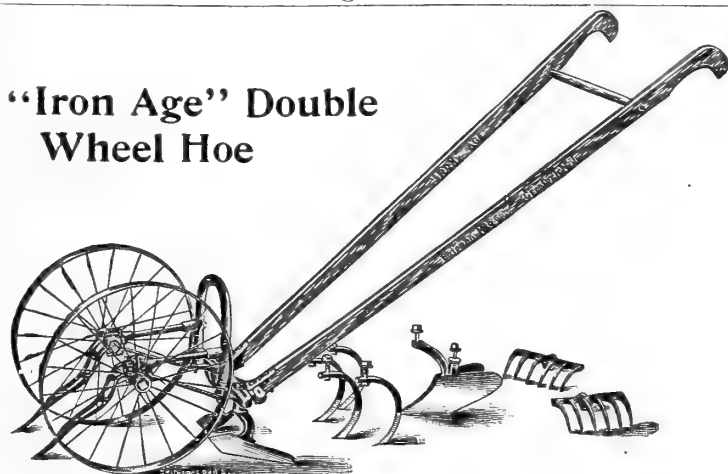


We are glad to be able to offer our friends in this tool what is evidently the most complete implement of the kind ever offered; the cut shows it is a whole tool house of itself. It is a seed drill, a double wheel hoe, a single wheel hoe, and cultivator, plow and rake.

It is converted into a perfect seeder by the drill attachment, which is quickly and easily placed in position, and which is simple in operation, having no gearing, screws or springs to get out of order. The adjustment for various seeds is perfect, the cam index allowing the seed slide to be instantly adjusted to the slightest variation desired.

The labor of operation is reduced to a minimum owing to the light weight of the tubular frame, high wheel, etc. The following cuts showing this same tool in its various operations gives an idea of its great value in the field and garden.

The "Iron Age" Double Wheel Hoe



At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double wheel hoe for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength together with lightness. All the tools shown in the cut go with the machine for the price \$6.00.

The "Iron Age" Plain Double Wheel Hoe

In order to accommodate those who have only use for the Wheel Hoe for hoeing we offer the machine described above with hoes only at \$3.50.

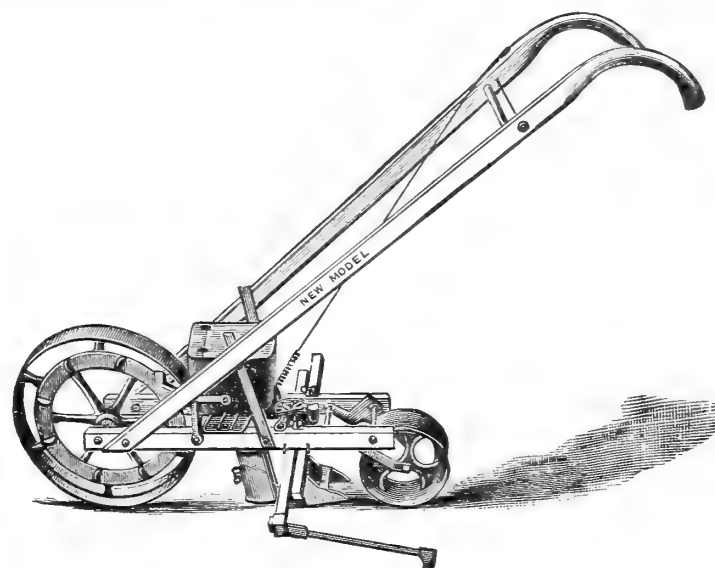


Price, \$3.50.

Gem Double Wheel Hoe and Cultivator

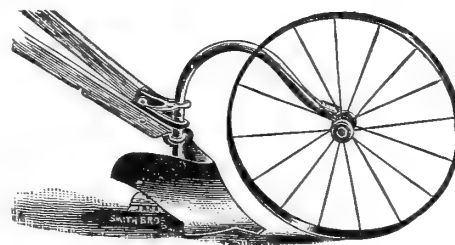
Same as above, except that it has two wheels which allow to work both sides at once.

Price, \$4.50.



MODEL SEED DRILL

One of the most salable drills. Price \$5.50.

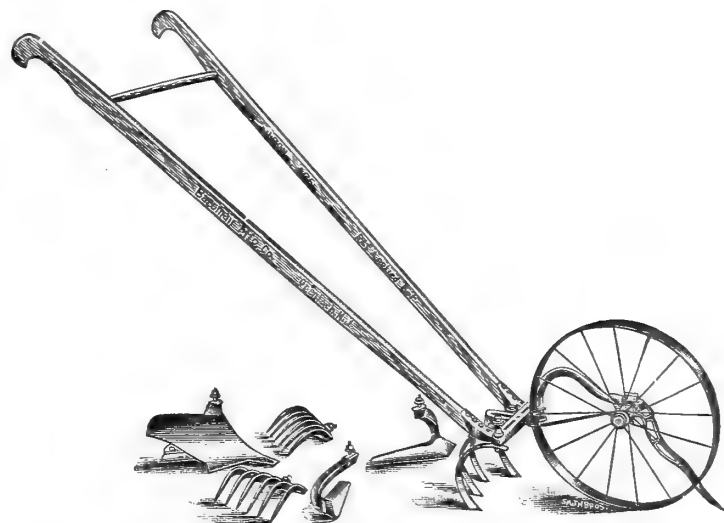


The "Iron Age" Wheel Plow

Price, \$2.50

Packed weight, 15 lbs.

Following out the idea of bicycle construction, as shown in the preceding tools, we offer also a wheel plow constructed in same manner, and we think we cannot be accused of extravagant language in claiming it to be a little "beauty." Its graceful shape and exceeding lightness accord well with its ease of operation and perfection of work. Adjustable in depth.

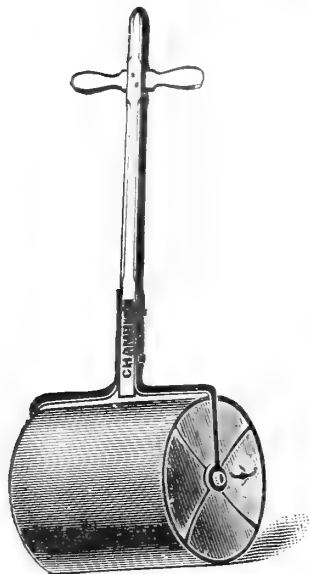


The "Iron Age" Single Wheel Hoe

Price, \$4.50

Simple, strong, but very, very light in weight. It is a pleasure to use it, it requires so little labor. No garden complete without one.

Wrought Steel Garden and Lawn Rollers.



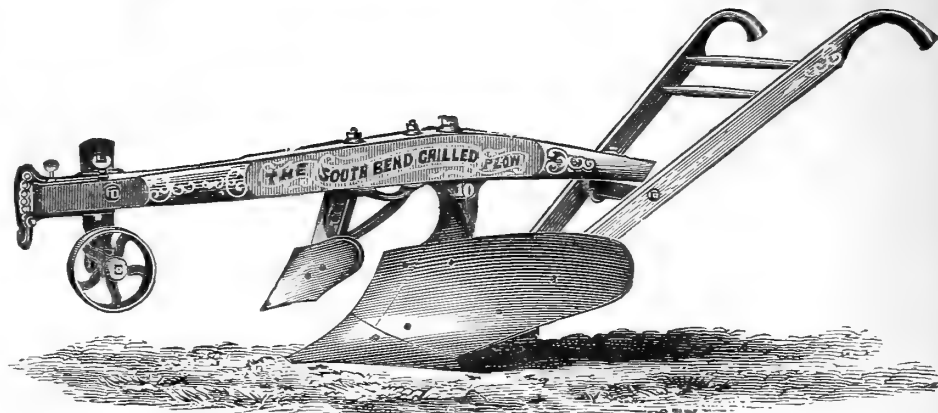
Made of the best wrought steel, and filled with concrete to give additional weight.

10 in. diameter, 13 in. long, weight about 130 lbs., \$7.00.

12 in. diameter, 18 in. long, weight about 200 lbs., \$8.75.

14 in. diameter, 21 in. long, weight about 300 lbs., \$10.50.

...ALSO...
A FULL LINE OF
LARGER SIZES.



Plows

...SOUTH BEND...

Considered to be the best all-around plow on the market.

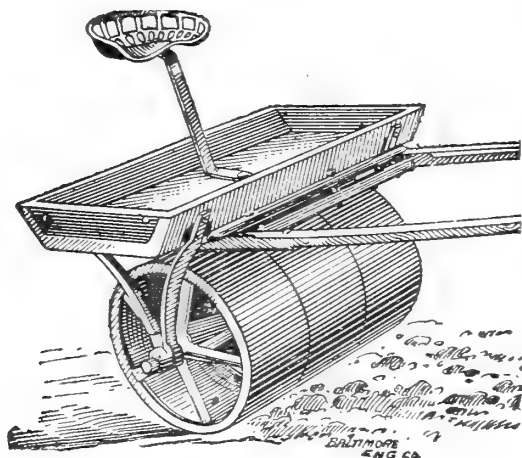
No. 1, one horse,	\$5.00
No. 2, one horse,	7.00
No. 3, two horse,	12.00

...SUBSOIL PLOWS...

Best quality, \$7.00 each.

P. S.—We carry on hand all the shares and parts of the South Bend and Gale Plows. We can also furnish Syracuse Steel Beam and other plows, also parts for same.

Wrought Steel Lawn and Field Rollers.



These rollers are made of the best wrought steel and filled with concrete to give them additional weight, and are preferable to cast iron, as they are not so liable to break.

24 in. diam., 30 in. long, weight about 450 pounds, \$36.50.

28 in. diam., 36 in. long, weight about 550 pounds, \$40.00.

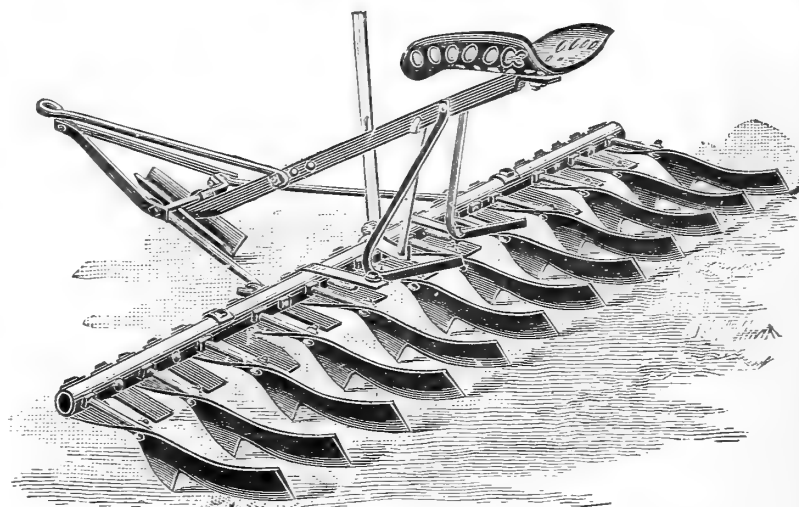
With Sections Loaded for Road and Lawn Purposes.

24 in. diam., 30 in. long, weight about 700 pounds, \$41.00.

28 " " 36 " " " " 900 " 45.00.

Field and Lawn Cast Iron Sectional Rollers. Prices furnished on application.

Harrows



"ACME" PULVERIZING HARROW.

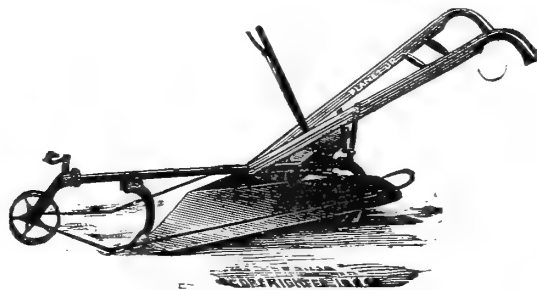
No. 17, two horse, \$15.00
Descriptive Circular on Application.

"KAIN" HARROWS.

24 tooth \$5.00; 30 tooth \$6.00; 40 tooth \$11.00.

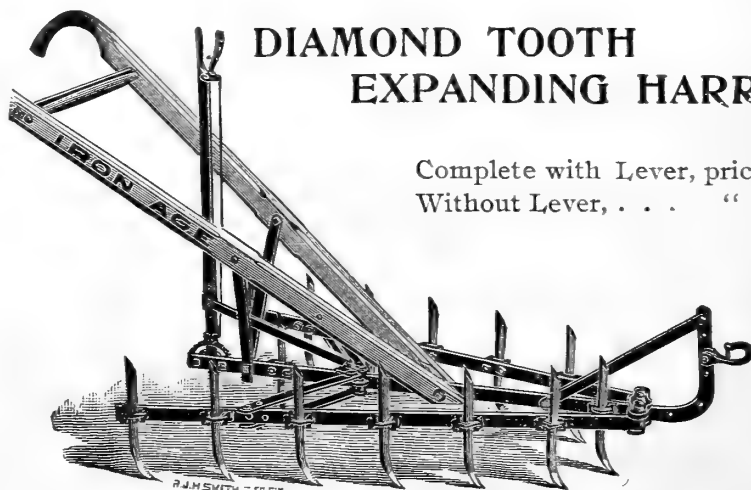
DIAMOND TOOTH EXPANDING HARROW

Complete with Lever, price \$4.50
Without Lever, . . . " 3.75



The "Planet Jr." Double Celery Hiller.

Price, complete, \$11.00.



POULTRY SUPPLIES.

Fresh Foods for Poultry, etc.

Animal Meal. (Bowker's.) 5 lbs. for 25c., 10 lbs. 40c., 25 lbs. 75c., 50 lbs. \$1.25, 100 lbs. \$2.25.

Barley. Per qt. 15c., bush. \$1.00.

Bone (Granulated). The use of ground bone tends to keep fowls in good health, and materially aids laying hens. 5 lb. pkge. 25c., 25 lbs. \$1.00, 100 lbs. \$2.25, 200 lb. bag \$4.00.

Buckwheat. For pigeons and young poultry. Per qt. 10c., peck, 30c., bush. \$1.00.

Charcoal (Ground). A little ground charcoal mixed with the soft feed in the morning, once or twice a week, keeps them healthy. Put up in bags. 1 lb. 15c., 2 lbs. 25c., 5 lbs. 60c., 10 lbs. \$1.00.

Cut Clover Hay. Excellent food for winter and early spring. 40 lb. bag \$1.00, 100 lbs. \$2.00.

Chick Manna, or Food for Little Chicks. Specially prepared for little chicks when first hatched. Should be the first and only food, and continued for 10 or 12 days before feeding anything else. Directions for feeding on each package. 1 lb. pkge. 10c., by mail 25c., 5 lb. pkge. 40c., 60 lb. box bulk \$4.20.

Death to Lice Powder. (Lambert's.) 15 oz. box 25c., 48 oz. box 50c., 100 oz. box \$1.00.

Dessicated Fish, or Fish Meal. Excellent egg producer. 50 lb. bag \$1.50, 100 lbs. \$2.75.

Eggs. Thorough-bred poultry; for hatching; 30 varieties. Satisfaction guaranteed. Per 13 \$1.50, per 26 \$2.50.

Incubator Eggs. Per 100 \$6.00.

Eggs (Nest). Porcelain, each 3c., per doz. 30c. Medicated, each 4c., per doz. 40c.

Gripe Cure. (Madoc.) 6 oz. can 20c., 7/8 lb. can 35c.

Hemp Seed. Use largely for feeding birds and pigeons. Per qt. 15c., peck 60c., bush. \$2.00.

Imperial Egg Food. For making hens lay winter and summer; keeps the fowls in the best condition. 1 lb. pkge. 30c., by mail 45c., 2 1/2 lb. pkge. 70c., by mail \$1.00, 6 lb. pkge. by express \$1.50, 25 lb. keg by express \$6.00.

Meat for Poultry (Prepared). This is prepared with great care. It is the finest thing we know of to cause hens to lay during the winter; extremely profitable to feed. 50 lbs. \$1.25, 100 lbs. \$2.25, 500 lbs. \$12.00, ton \$42.00.

Mica Crystal. For digestion. 5 lbs. for 15c., 10 lbs. 25c., 25 lbs. 40c., 100 lbs. \$1.00. Two grades, fine and coarse.

Oyster Shell (Fresh Ground). The finest article to feed for shell making. 5 lbs. 15c., 25 lb. bag 40c., 100 lbs. \$1.00, ton \$12.00.

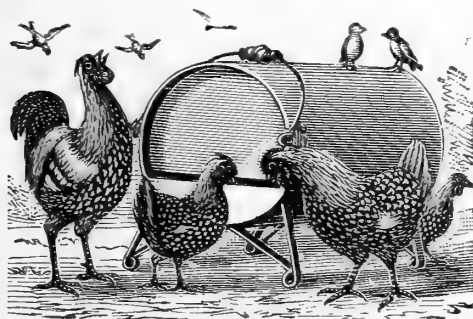
Peas (Canada Field). Per qt. 20c. peck 50c., bush. \$1.50, 10 bush. lots \$1.25 per bush.

Pratt's Food. Will make hens lay all the year, and is excellent for feeding to young chicks. For large fowls mix one ounce with the food for fifteen or twenty. For fifteen or twenty chicks give one-half ounce every other day. 1 1/2 lb. pkge. 25c., 5 lb. pkge. 60c., 12 lb. bag \$1.25, 25 lb. bag \$2.50.

Roup Preparation. Sure cure. 1/2 lb. pkge. 20c., 1 lb. pkge. 40c.

Sheridan's Condition Powder. Well recommended by all leading poultry dealers. 4 oz. pkge. 25c., 2 1/4 lb. can \$1.00, six 2 1/4 lb. cans \$5.00.

Sunflower Seed, Mammoth Russian. One of the best egg producing foods known for poultry. It can be sown any time up to the middle of July, along side of fences, and in almost any kind of soil. Per qt. 10c., peck 50c., bush. \$1.75.

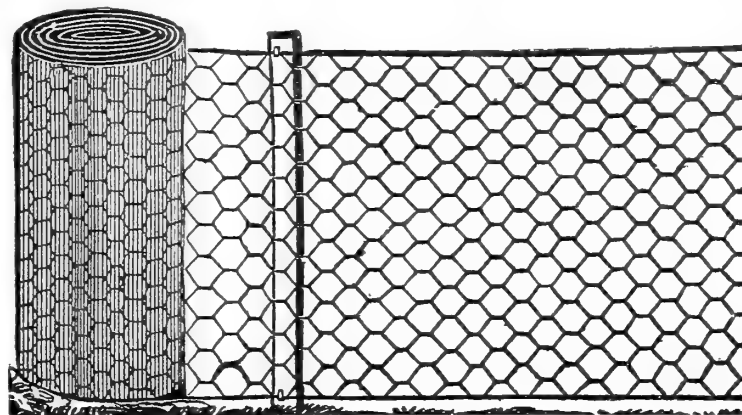


Poultry Drinking Fountains For Fowls

A large assortment, in stone ware and galvanized iron. 25 cents to \$1.00 each.

THE BEST BOOK ON POULTRY

"PROFITS IN POULTRY". A practical treatise on the business, giving designs for houses, artificial incubation, preparing for market, caponizing, etc. Price \$1.00.



Galvanized No. 19 Wire Netting

Notice these low prices (less than 1/2 cent per square foot) for No. 19 Wire, galvanized after the netting is made, which makes it stronger and more durable.

The best thing for making poultry yards; better looking and cheaper than laths, and permits more light and air to enter.

12 in. wide, per bale 150 lineal ft.....	\$0.70	42 in. wide, per bale 150 lineal ft.....	\$2.45
18 " " " 150 " " " " " " " " " "	1.05	48 " " " 150 " " " " " " " " " "	2.80
24 " " " 150 " " " " " " " " " "	1.40	60 " " " 150 " " " " " " " " " "	3.50
30 " " " 150 " " " " " " " " " "	1.75	72 " " " 150 " " " " " " " " " "	4.20
36 " " " 150 " " " " " " " " " "	2.10		

Any required length cut from above sizes at 1 cent per square foot.

Galvanized Staples for fastening, 10 cents per pound.

Mann's Standard Bone Cutter

No. 1, without legs, \$7.00. No. 2, Weight 142 lbs. Our Price \$18.00.

The simplest and most economical machine that can be made for converting green bones, with the meat and gristle attached, into poultry food.

The machine weighs 142 pounds.

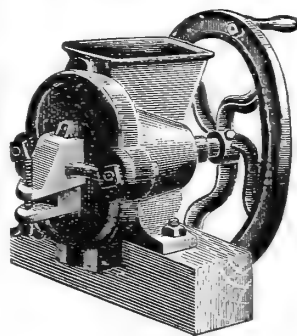
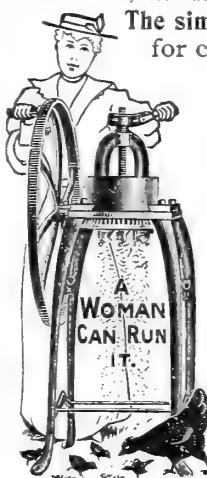
The knives are made of the finest tool steel, and can be easily removed and sharpened when necessary.

Capacity, one-half pound to one pound per minute.

The above cut represents our latest improved hand machine.

It is exactly the same as pictured here, and the one always exhibited by dealers. The manufacturer also selects this machine for his agents' use at all the agricultural poultry exhibitions.

We recommend this size and style for all who have a limited number of fowls.



Oyster Shell and Dry Bone Mill

Weight 39 pounds. Price \$4.50. With legs, \$6.50.

This mill is adapted for grinding oyster shells, dry bones, corn, meal, etc. and, by means of a regulating wedge on the back, can be made to grind to any desired fineness.

Wigmore's No. 1 Caponizing Set. Set consists of 1 fine steel knife and forceps, 1 nickel-plated spreader, improved German silver cutting and twisting scoop, with fine hook on opposite end, 1 fine German silver probe, and 4 German silver hooks attached to cords for quickly securing the fowl. In box \$2.25, in case \$2.50. Book on "Practical Caponizing and How to Make Poultry Pay" free.



French Poultry-killing Knife. The most expeditious and humane way of killing and dressing poultry is by using the French knife. Made of the finest steel. Price, with full instructions, 50c. each.

WATERING APPLIANCES, HOSE, ETC.

Length of Barrel, $13\frac{1}{2}$ in.; diam., $1\frac{1}{8}$ in.



Syringes.

Deakin's Brass Garden Syringes.

No. A.	1 stream and spray hose, 12	x 1	inches	\$1.85
No. B.	1 " " " " 13	x $1\frac{1}{4}$	"	2.50
No. C.	1 " " " " 14	x $1\frac{1}{2}$	"	3.00
No. 2.	1 " " 2 roses, $13\frac{1}{2}$	x $1\frac{1}{8}$	"	3.60
No. 5.	1 " " 2 " 18	x $1\frac{1}{2}$	"	5.75
No. H.	18 inches long, $1\frac{1}{2}$ inches in diameter			2.00

Zinc Syringe, Large Size, each \$1.00.

A. & W. Hose Band



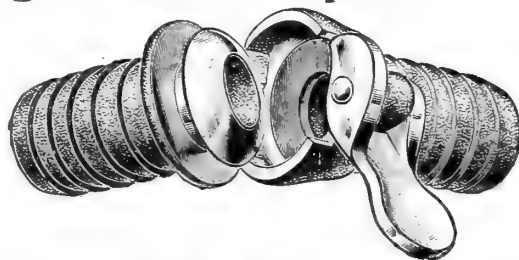
No special tools required. Engage the lever in the farthest notch it can reach, press down lever, then hammer down ears and the lever is locked. The lever cannot slip. Each 5c., per doz. 45c.

Water-Tight Hose Coupler.

Absolutely...
...Water-Tight



No. 3.



Disconnected.

Instantaneous in operation. Simplicity itself. Can be operated by a child. No screws to get out of order. Nothing to get damaged or broken. Per pair 25c., per doz. pairs \$2.50.

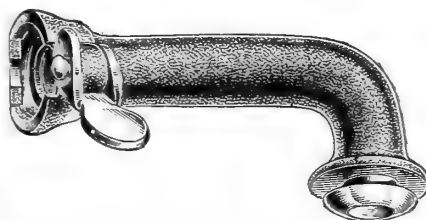


The Best.....

Spray Pump

For Spraying Trees, \$8.00, or Complete with Barrel, Truck with $2\frac{1}{2}$ inch Wheels, \$19.00.

ACME HOSE CROOK AND SWIVEL JOINT.



Saves the hose and doubles its life. Attached to ground pipe or spigot. Bending of the hose is unavoidable, and the usefulness of the hose greatly increased. Hose does not wear out from the friction of the water, but from the constant bending and twisting to which it is subjected. The use of the crook removes the greatest cause of wear. Each 50c., per doz. \$5.00.

Improved Hand Force and Lift Pump.

On base with Air Chamber and Brass Piston Rod. Will throw water a distance of 80 feet. \$7.50.

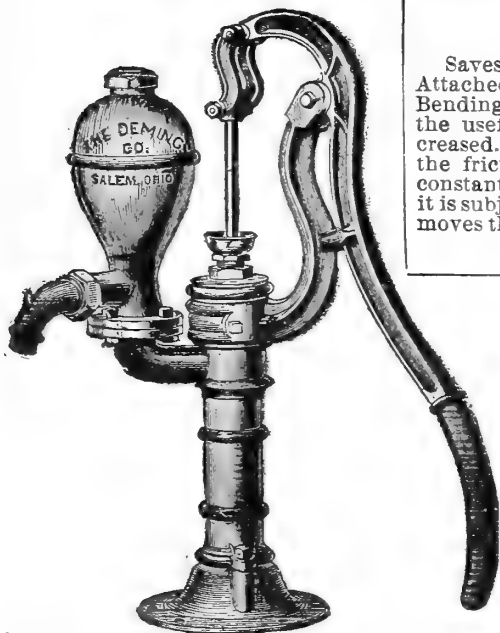


Fig. 510.

A full Treatise and Practical Directions for Spraying Trees, Etc., free upon application.

Rubber Hose

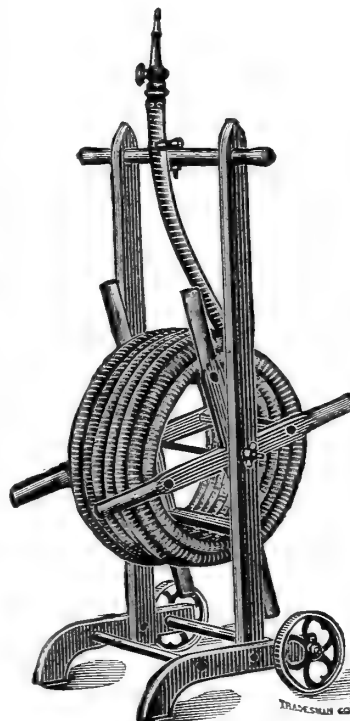
Armored Hose in 25 and 50 feet lengths, $\frac{3}{4}$ in. 16c. per foot.

We have made arrangements with two leading hose manufacturers to supply us an extra grade of durable hose, which they guarantee. Our price will be found about one cent per foot less than at most of the dealers in hose.

Extra 4-ply, in 50 feet lengths, per foot, $13\frac{1}{2}$ c.

Extra 3-ply, in 50 feet lengths, per foot, 10c.

Competition, 3-ply, in 50 feet lengths, per foot, 6c.



GEM HOSE NOZZLES

For throwing fine or coarse spray, or straight stream. Each 30c.

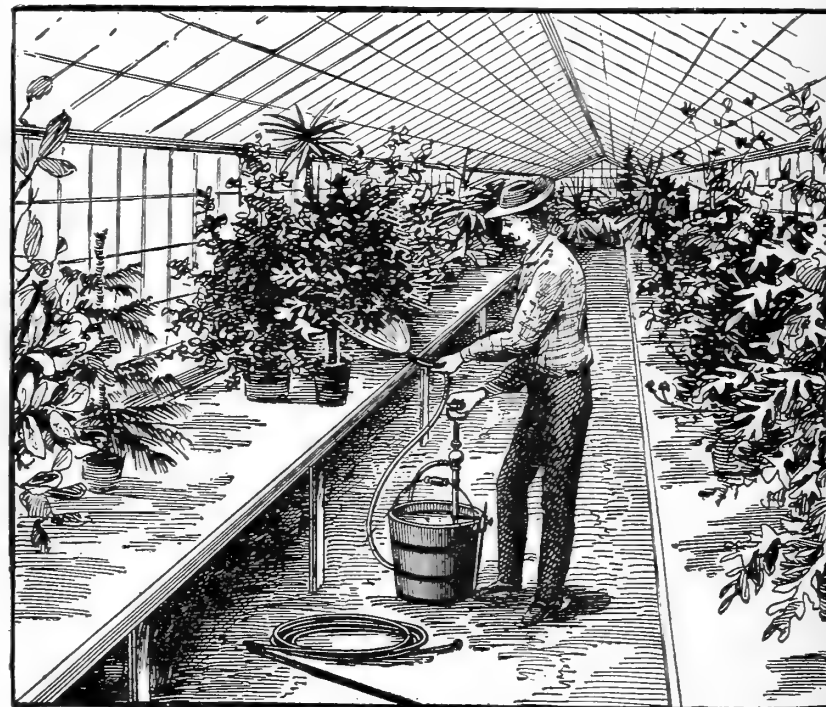
HOSE MENDERS

$\frac{1}{2}$ inch 5c. each, doz. 45c.; $\frac{3}{4}$ inch, each 5c., doz. 50c.; 1 inch, each 8c., doz. 75c.

The Improved "Bordeaux" Spray Nozzle

The "Bordeaux" Nozzle is the simplest and best combination spraying nozzle on the market. It throws solid stream or a fan-shaped spray adjustable to any fineness. It will also throw a long distance coarser spray for spraying very large trees; features possessed by no other spray nozzle. It can be used with any Spray Pumps. Furnished with $\frac{1}{2}$ and $\frac{3}{4}$ inch hose connection. Price $\frac{1}{2}$ inch pipe and $\frac{1}{2}$ inch hose, as per cut, \$1.00.

"Vermorel" Nozzles, 75c. each.

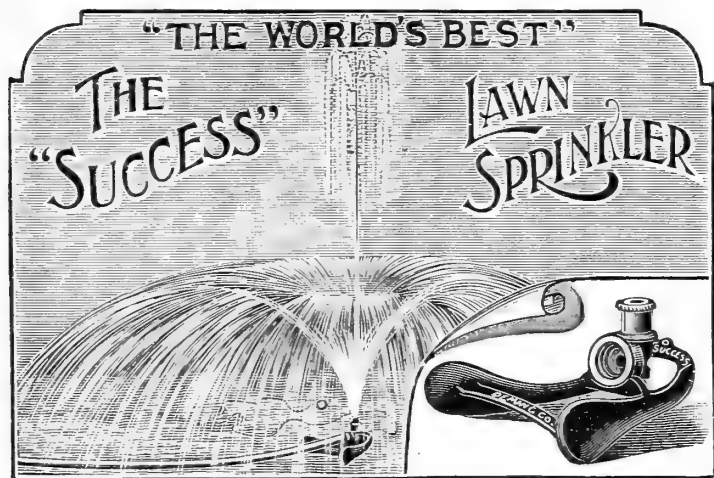


THE "PERFECT SUCCESS" COMBINATION SPRAY PUMP

For Spraying Trees, Plants, &c., &c.

There is no better and more complete outfit for so little money. The "Perfect Success" Pump, remember, includes "Bordeaux" Nozzle and a special greenhouse nozzle, also 7-foot section hose and pole connection for tree spraying. Price \$6.00.

LAWN SPRINKLERS, ETC., ETC.



SUCCESS in keeping the Lawn Fresh and Green is Attained by using the **LAWN SPRINKLER.** It is "The World's Best."

The "Success" Lawn Sprinklers

IMPROVED FOR
...1898...

Can be pulled from one position to the other without upsetting.

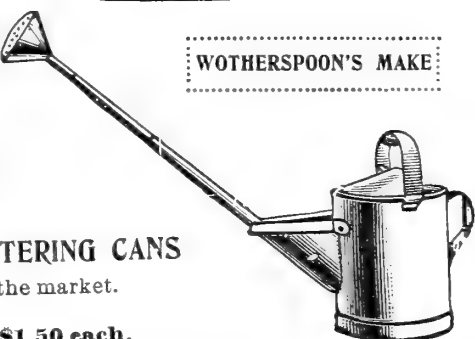
Price, 75c.

GALVANIZED WATER POTS

The best and most durable watering pot made. Each has two roses—one fine and one coarse.

4 quart, round, \$1.50	Oval, \$1.75
6 " " 1.75	" " 2.00
8 " " 2.00	" " 2.25
10 " " 2.25	" " 2.50
12 " " 2.50	" " 2.75
16 " " 3.00	" " 3.25

WOTHERSPOON'S MAKE

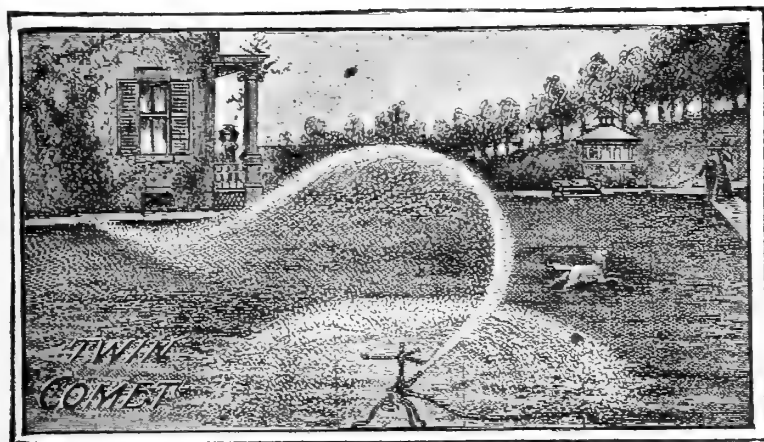


Galvanized Iron Clad WATERING CANS

The best cheap watering can in the market. Very durable.

Sizes 4 to 20 quarts, 50c. to \$1.50 each.

● We Have a Very Large Assortment of all Kinds of LAWN SPRINKLERS, 25c. to \$5.00 each. ●



... The Twin Comet Lawn Sprinkler

\$5.00 Each

Will sprinkle an area four times greater than any other sprinkler made.

Endorsed and adopted by Mr. Wm. Doogue,
Superintendent of the Public Grounds of
Boston, and in hundreds of other places.

SATISFACTION GUARANTEED OR MONEY CHEERFULLY REFUNDED

You can almost See the Grass Grow

When
Using

LYON'S AUTOMATIC FERTILIZING .. LAWN FEEDER

(ODORLESS)



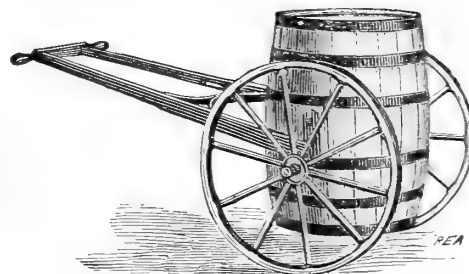
Lawn

Feeder.

It is a neat, light, little device, attached between the end of the hose and the nozzle, which automatically dissolves a stick of Lyon's Concentrated Lawn Food, diffusing it through as much water as will pass through an ordinary garden hose in 40 minutes. It is clean, odorless, non-poisonous, and will give perceptible results after one week's use on your lawn. It produces a dark green foliage and a healthy growth.

Complete outfit, consisting of one holder and twelve sticks of the food, by mail, postpaid \$1.00

Additional Fertilizing Sticks, 50c. per box of 2 dozen.



WATER TRUCK AND BARREL

Barrel can be detached from truck without difficulty, or tilted to empty contents. Other barrels can be used and extra irons furnished if desired. The weight is balanced over the axle.

1 1/2 inch wheels	\$8.00
2 1/2 " "	8.50
3 1/2 " "	9.25
Large box to fit on truck, extra	8.00
Leaf rack attachment to the water truck	4.25
Sprinkling attachment	3.00

LEAF RACK

Light and durable. Can be easily folded and detached and the truck used with water barrel.

1 1/2 in. wheel	\$9.00
2 1/2 " "	10.00
4 " "	11.00

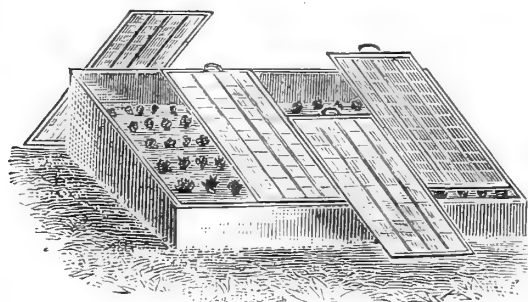


"ELI" Sprayers

\$1.00 Each



MISCELLANEOUS MATERIALS.



HOT BED SASH.

3 ft. 2 in. x 6 ft. 2 in.

Unglazed, \$1.00 each.

Special price will be quoted on quantities, also on glazed and painted complete sash.



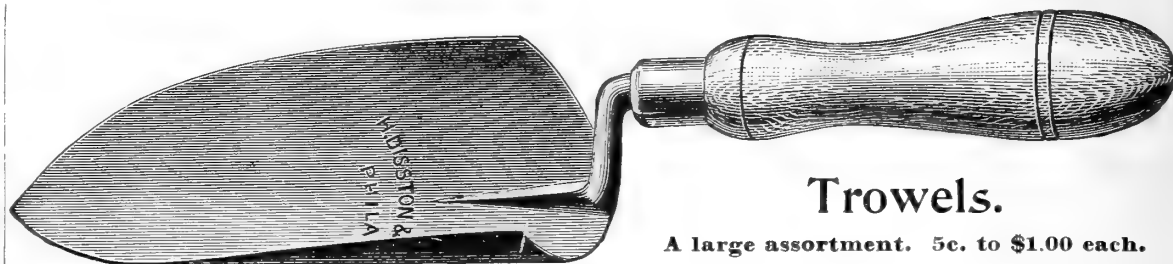
PLANT BED CLOTH.

A Substitute for Glass Sash on Hot-beds and Cold-Frames.

LIGHT GRADE. Mostly used for shading greenhouses. Per yard, 4c.; by the piece of 68 yards, 3½c. yard.

MEDIUM GRADE. The best for general purposes. Yard, 8c.; by the piece of 50 yards, 7c. yard.

HEAVY GRADE. Water-proof and advised for States north of Pennsylvania. Per yard, 10½c.; by the piece of 40 yards, 10c. per yard.

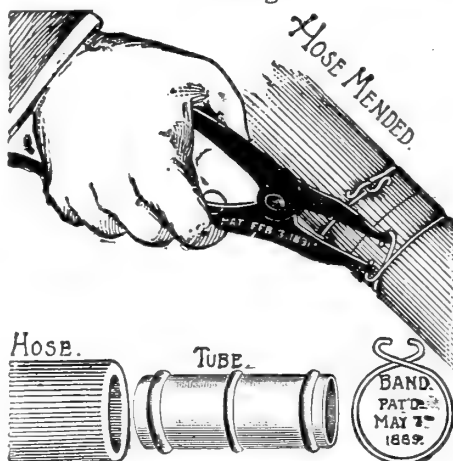


Trowels.

A large assortment. 5c. to \$1.00 each.

HUDSON'S GARDEN HOSE MENDER

For Mending Hose.



One box containing 6 Tubes, 20 Bands, 1 Pair Pliers. Extra parts sold separately.

In orders give inside diameter of hose.

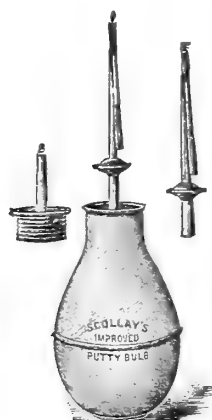
75 cents a box.



The.... Kinney Pump

Used for distributing
Fertilizers in
liquid form.

Price, \$1.50 each.



Putty Bulbs.

Used for applying
Putty when
glazing.

85c. each.

S
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CAHOON'S BROADCAST SEED SOWER.

The most practical and satisfactory machine for accurately sowing Timothy, Clover and other similar seeds. Price, \$3.50 each.

MASTICA—For Glazing Greenhouses (new or old.)

ELASTIC, ADHESIVE, EASY TO APPLY.

Used now extensively, and highly recommended by all the up-to-date gardeners and florists.

Immense Quantities were used Last Season.

After much study the inventor of "Mastica" decided that the composition must be of different materials from that used heretofore for this purpose, must be elastic and tenacious, and these qualities must be retained to admit the expansion and contraction without cracking. This result has been reached in "Mastica" which, when applied, in a few hours, forms a skin or film on the entire mass, hermetically sealing the substance and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years.

One gallon will cover about 300 running feet.

Per gal., \$1.00; half gal., 60 cts.; 6 gals., \$5.40.

Machines for applying Mastica, \$1.00 each.



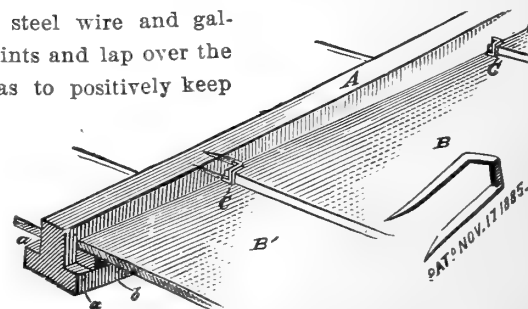
Machine
for applying
Mastica.

Van Reyper's Perfect Glazing Points.

These are made of steel wire and galvanized, having double points and lap over the glass in such a manner as to positively keep it from sliding. They may be used on either side of the sash bar, thus preventing the annoyance of rights and lefts.

Per box of 1000, 60c.

5000 lots at 55c. per 1000. Pincers for driving, 50c.



.....P.L.A.N.T.....S.T.A.K.E.S.....

\$1.50 each.


GARDEN TOOLS AND IMPLEMENTS.



WARRANTED

**KELLY'S
FLORISTS SHEARS
AND
GRAPE PICKER**

MADE FROM HIGH GRADE CUTLERY STEEL.

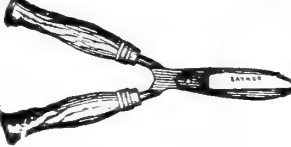


**SHEEP
OR
GRASS
SHEARS**
30c. to
\$1.25 each

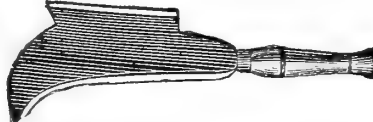
Price \$1.25 each.



PRUNING SHEARS
Very large assortment. 30c. to \$1.50 each.



**Hedge
Shears**
All sizes. \$1.50 to \$2.50 each.



ENGLISH BILL HOOKS
\$1.50 each.



**GRASS
EDGING
KNIVES**
50c. to \$1.50 each.




SLASHING HOOK for trimming out small fruits. Price \$1.25.



DISSTON'S PRUNING SAWS
Best quality. 70c. to \$1.25.
AVERY'S DOUBLE EDGE. 80c. each.



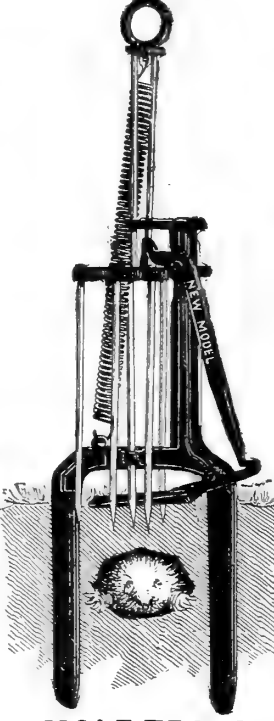
**TRANSPLANTING
DIBBLE**
The best and cheapest. 40c.
Brass Dibbles. 50c. each.



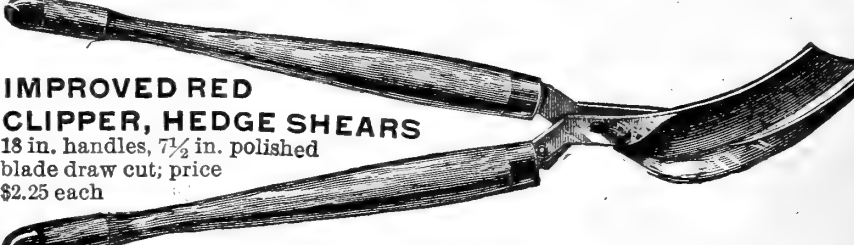
**WATER'S
IMPROVED
TREE PRUNER.**

WATER'S IMPROVED TREE PRUNERS.	
4 ft. pole,	\$0.75
6 " " " " " " " " " " " "	.85
8 " " " " " " " " " " " "	1.00
10 " " " " " " " " " " " "	1.20
12 " " " " " " " " " " " "	1.40
14 " " " " " " " " " " " "	1.60

Extra Blades,
25c. each.



MOLE TRAPS
A very large assortment.
30c. to \$2.50 each.

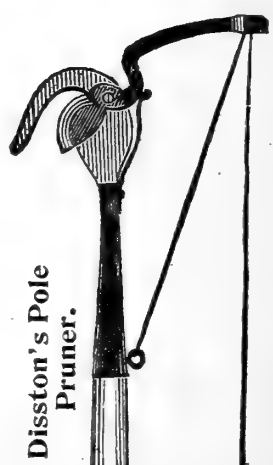


**IMPROVED RED
CLIPPER, HEDGE SHEARS**
18 in. handles, 7½ in. polished
blade draw cut; price
\$2.25 each



**WRIGHT'S
HAND
LAWN
WEEDER.**

**WRIGHT'S
LAWN
WEEDER**
The best weed
extractor.
Each \$1.00



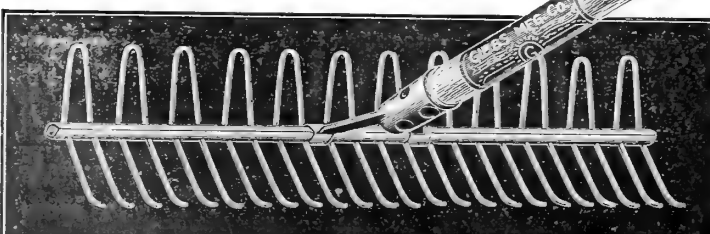
**Disston's Pole
Pruner.**

Disston's Little Giant Pruner
Price \$1.00. With saw \$1.30.



**HAND
WEEDERS**
Large assortment.
All the latest
makes. 10c. to
30c. each.

GARDEN AND LAWN RAKES
We carry a full stock of all the best improved Steel
Wooden and Wire Rakes. 30c. to \$1.00 each.




PRUNING AND BUDDING KNIVES
75c. to \$1.25 each.

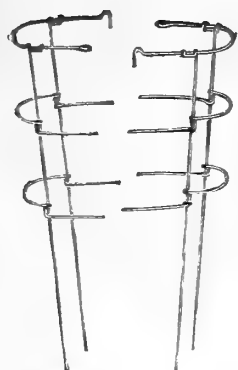
**Sickles or Grass
Hooks.**
All sizes, 25c., 35c.,
40c., 50c., 60c. and
70c. each.

**English Rivet
Back Lawn
Scythes.**
Each \$1.25, \$1.35,
\$1.50.

American Scythes.
65c. each.
**Snathes for
Sythes.**
65c. each.

**Lawn Border
Shears.**
Each \$2.50 and
\$3.00.

We carry a full stock of
Hoes, Spades, Shovels, Forks, &c.
of the best quality only, at the very
lowest prices.



CARNATION SUPPORTS.

We carry in stock the most recent inventions and most practical supports for CARNATION PLANTS.



The Perfect Tomato Trellis

The simplest and best tomato support in use; it is considered, after thorough trial, the most practical on the market, very easily adjusted. Each 15c., per doz. \$1.50.

Tie Joint.
Patented Dec. 4,
1894.



Rustic Work

Made Extra Strong and Durable.

Rustic Plant Stands, Chairs and Settees.

A large assortment. \$2.50 to \$6.00 each.

Rustic Hanging Baskets

\$1.00 to \$2.50 each.

Pumps

For Spraying and Syringing.
Made of Brass. Very durable.

Hydronette or Fountain.....	\$5.00
Excelsior. Deakin's	6.50
Aquarius. Lift and force.....	6.50
Acme	4.00
"Success." Complete.....	6.00

Rubber Sprinklers



2 sizes. 50c. and 80c. each.



ACME PUMP.

Garden Wheel Barrows

Very Strong, Light and Durable.

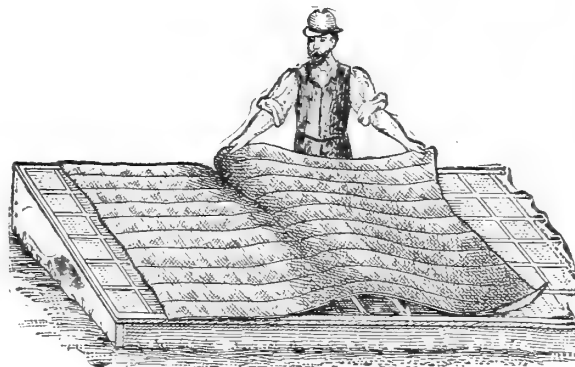
No. 2.....	\$3.00	No. 3.....	\$3.50	No. 4.....	\$4.00
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Sundries

Baskets. For use in garden, oak, $\frac{1}{4}$ bush. 35c., 1 bush. 45c., oak iron bound 1 bush. 75c.
Cocoa Fibre. Per bush. 70c., per sack of 8 bush. \$1.65.
"Eric" Rat Traps. Always sure. 30c each.
Grafting Wax. Finest quality, in bars, with directions for use. Lb. 25c.
Jersey Peat. Best quality, barrel \$1.50, five barrel lots \$1.25 per barrel.
Jute Twine. For tying plants or vegetables. 12c. per lb.
Mats (Straw). Extra well made, 3x6 feet, each 85c., per doz. \$9.00; 6x6 feet, each \$1.25, per doz. \$14.00.
Straw Mats. For covering Rose Bushes and other plants for over winter. 50c. each, \$5.00 per doz.
Moss (Green). Per barrel \$1.50.
Moss (Sphagnum). Per barrel \$1.25.
Orchid Peat, Lapp's. The best in the market. \$2.00 per barrel.
Propagating Sand. Extra clean, \$1.50 per barrel.
Raffia. The best material for tying plants, vines, etc., per lb. 20c.
Tar Twine. For tying mats, fodder, etc., 10c. per lb., \$8.00 per 100 lbs.
Twine. All sizes, for tying. 5c. to 30c. per ball, 10c. to 30c. per lb.

Palmer's Hot Bed Mats

Frost Proof.

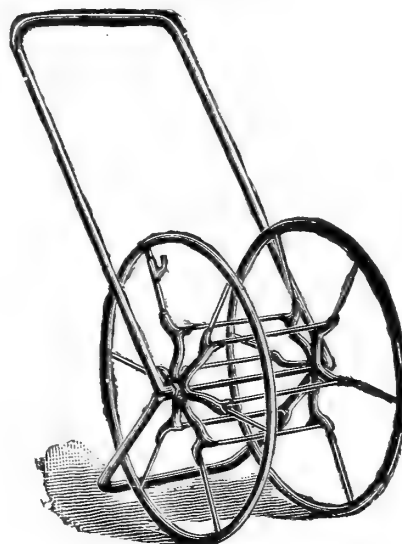


Made expressly for winter covering of hot beds, cold frames, plants and seeds of all kinds.

Indestructible,
Cheap and Warm

Will not harbor mice or vermin. Easy handling. Have now been in practical use three years. Costing less than half as much as old-fashioned straw mats and entirely taking their place.

Size 76x76 inches, fully covering two regular size hot bed sash, \$1.25 each; \$13.50 per doz.
Size 40x76 inches, fully covering one hot bed sash, 90c. each; \$9.50 per doz.



Hose Reels

Wirts' All Iron. Very Durable.

No. 10. Holds 100 feet.....	\$3.00
No. 20. Holds 150 feet.....	3.50
No. 30. Holds 300 feet.....	5.00

Also a number of other makes, \$1.00 to \$2.50 each.



Miller's Patent Sprinkling Wagon

For Lawns, Parks, Golf Grounds, Cemeteries, &c., &c.
\$75.00 NET.

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JADOO FIBRE

AND

JADOO LIQUID

FOR

MARKET GARDENING


Manufactured only by
THE AMERICAN JADOO CO.
 PHILADELPHIA, PA.

**WE RECOMMEND IT.
 HAS NO EQUAL.**

Awarded Honorable Mention at Florists Convention.

MEYER GREEN SILKALINE.

Recommended by
 THE
 LARGEST GROWERS
 AND
 SUPPLY HOUSES



Realizing the unsuitableness of most materials used for stringing Simlax and other trailing plants, we are much pleased to inform our customers and the trade that we have at last obtained an article that is the very thing so long needed.

GIRLIN SILKALINE is fast color and will not fade; is very strong and will not break down. Tearing and annoyance of removing the string saved, as Silkalkaline is so near the color of the vines as to be practically invisible, and does not need to be removed, in fact, is invaluable for fastening the vines when decorating.

Made in three sizes, F, FF and FFF, and put up on 2 oz. spools, one pound in a box guaranteed, and in 12 pound packages; 200 lb. cases.

Silkalkaline is also used for bouquet and general florist work, in green and fancy colors for tying up boxes.

PRICE \$1.25 PER LB. Do not take any substitute.

HENRY F. MITCHELL, Seeds, Bulbs and Implements,
 NO. 1018 MARKET STREET,
 PHILADELPHIA, PA.

As the Best
 in
 THE WORLD.

**STOOD THE TEST FOR YEARS
 USE AND TAKE NO OTHER.**



Protected by Letters Patent of the U. S. dated Nov. 26, 1895

JADOO FIBRE AND JADOO LIQUID FOR MARKET GARDENING.

***Use Jadoo Fibre and gain two weeks in
getting your truck ready for market.***

Jadoo Fibre is a light fibrous substance very rich in plant foods and retentive of moisture. It has been used with great success in the raising of fruits and vegetables.

The points in its favor, wherever used, are principally these :

1. Seeds germinate more quickly and make more uniform plants. There is no seed, however delicate, that will not make a strong healthy plant in Jadoo Fibre.

2. Plants do not flag when transplanted in Jadoo Fibre, but are established at once in vigorous growth.

3. It keeps an even moisture about the roots and does not dry out as quickly as earth.

4. It produces very strong root action as well as top growth.

5. Fruits and vegetables raised in Jadoo Fibre have a finer appearance and an improved flavor, and come to perfection much earlier than when forced in the ordinary way.

Jadoo Liquid is a liquid fertilizer containing the same chemicals slightly varying in proportion, that are used in Jadoo Fibre and will be found very useful on Fruits and Vegetables growing in soil as well as those growing in Jadoo Fibre. If used as directed it is the safest liquid fertilizer manufactured, and at the price at which it is sold by the cask, when diluted 48 to 1, is the cheapest liquid fertilizer that is made. The results from the use of Jadoo Liquid are both very rapid and surprising.

METHODS OF USE.

1. **The Forcing Bed.** To raise uniform, strong and healthy plants for transplanting, the bed should be prepared with finely divided, moist Jadoo Fibre evenly distributed and packed to the depth of about an inch or more according to the nature of the plant.

If the seed is small sow evenly and not too thick, after which water it freely to wash the seeds well down into the Jadoo.

Large Seeds may be sown in the Jadoo either over the surface or in drills and given a thin covering of Jadoo well watered afterwards.

2. **Cucumbers, Melons, Canteloupes, Citrons, etc.** Use half Fibre and half loam in the holes or drills and cover the seeds with it. When well-rooted, use Jadoo Liquid at first diluted forty-eight parts water to one part Liquid and gradually increase the strength as the plants are "set" with fruit to twenty-four to 1.

Mustard, Cress, etc. Sow in pure Jadoo and it will come up perfectly clean with no dirt adhering to the leaves.

3. **Transplanting.** *Where plants are large*, they can be taken up with a ball of Jadoo attached to the roots. To this is added a small handful of Jadoo firmly packed about the roots in the hole and covered with earth. This will feed the plant through the strong root action it produces, will prevent flagging after transplanting and will retain moisture during a long drought.

Celery. Sow in frames in Jadoo Fibre; when planting out put Jadoo Fibre at bottom of trench; this greatly improves clearness of skin and flavor.

When plants are very small, like Lettuce, the Jadoo should be mixed with loam into which the roots can be pressed with the thumb and covered.

Fruit Trees, Grape Vines, etc. Imbed the roots well in Jadoo and fill in with earth. This will enormously increase the fibrous roots on which the fertility of the tree or vine mainly depends. Mildew in grapevines is due to drying out about the roots. Jadoo will prevent it.

Raspberries, Blackberries, Currants, etc., are treated in the same way.

Strawberries can be propagated as follows: Where it is desired to put a plant, stamp a hole in the earth with some tool that will shape it something like a three inch flowerpot. Pack this hole full of Jadoo and train a runner from parent plant into it. It will take root and form a new and prolific plant.

Asparagus from seed. Sow into a thick bed of Jadoo Fibre, cover with earth so that the Jadoo Fibre may not come within four inches of the surface. Asparagus will come to full bearing one year sooner in Jadoo Fibre than if the bed is made in the ordinary way, and will give a much larger yield.

Experience will soon show which plants to grow in pure Jadoo Fibre and which in Jadoo Fibre and loam mixed; also the quantity to be used and method of use. The chief point is to have a small quantity of Jadoo Fibre about the roots and covered with earth. When the fruit or vegetable is maturing it is not amiss to water with Jadoo Liquid, diluted, forty-eight parts water to one part Liquid, gradually increasing the strength to twenty-four to one.

WHAT GROWERS SAY.

JNO. WORMALD, Esq.,

Denton Park, Ben Rhydding, near Leeds, England.
Of Jadoo Liquid I can speak in the very highest terms. It has certainly been a great advantage to most things. I may name strawberries (forced), which have been larger than I have had before.

H. E. writes as to the use of Jadoo for forcing Strawberries :

Among other uses to which I have put the new material, Jadoo, is for forcing strawberries in pots, and the results were all that could be desired. The plants fruited abundantly, the fruit was large, the color splendid, and the flavor exquisite in all the varieties experimented with.

CONRAD LAMM,

Germantown, Philadelphia.

I have used the Liquid on vegetables in greenhouses, such as cucumbers and lettuce, with good effect, and I think market gardeners will find the Liquid more profitable than other fertilizers, as its action is much more speedy.

REV. W. WILKS,

Secretary of the Royal Horticultural Society.

117 Victoria St., London, S. W., August 2, 1895.

The potatoes grown in the Jadoo were laid before our Vegetable and also our Scientific Committee, and I think I may say that all were very much struck with the evident utility of the material for certain purposes. I should think it would be very valuable also for forcing early vegetables.

LADY PHILLIMORE,

(A well-known amateur Gardener.)

Shedfield House, Botley, Hants, England.

This year we are growing all our tomatoes in it. My gardener likes Jadoo much, and has found an immense saving of labor in watering.

E. B. MARTER, JR.,

(Vegetable Plant Grower.)

Burlington, N. J., Nov. 12, 1896.

I tried the sample sent me of Jadoo Fibre and Liquid with tomato, cabbage, pepper and egg plants, and will say that they all grew very well after being transplanted and treated with your Jadoo.

Extract from letter from Mr. V. R. Virgoe, of Old Chatsworth Nursery, Brighton, near Melbourne, Australia.

I have sown some hundreds of pans of seeds, using soil for a foundation and about an inch of Jadoo on top, with the most satisfactory results; so good, indeed, that I am using about one-half the seed per pan that I have hitherto used in ordinary potting soil, and the young plants are exceedingly strong and vigorous in growth, and in every instance germinating with marvelous rapidity.

In repotting plants, I have found them (all descriptions) commence growth in two-thirds the time as in ordinary soil.

MR. GEO. WYTHES,

Gardener to the Duke of Northumberland.

The roots of such vegetables as potatoes, carrots and radishes have a much clearer skin and are equally prolific in cropping.

H. W. WEGUELIN, Esq., F. R. H. S.

The well-known Carnation Grower.

Shaldon, Teignmouth, England.

Says: "My friend, Mr. Wormald, is greatly pleased with it. He has been using large quantities, both of the Jadoo Fibre and Liquid for tomatoes and forced strawberries under glass, and says he never had such fruit before, the color and flavor being far superior to the same grown in earth."

F. GRAHAM POWELL, Esq.,

Principal of the Horticultural College.

Swanley, Kent, England.

Says: "I have tried Jadoo on a large variety of plants, and it has invariably proved a success. Strawberries forced in it produce the finest flavored fruit; cucumbers and melons like it also. Root action is always most marked and the foliage never unduly drawn up. There is no doubt that it is something more than a mere stimulant."

Extract from letter of Th. Bellemer.

Chateau Priiban, Gironde, France.

On different sorts of edible plants, such as tomatoes, egg plant, etc., which, earthed up with Jadoo Fibre, have given remarkable results both in production and in quality.

For the germination of fine delicate seeds, as well as cuttings and layers, Jadoo fined and pulverized in the hand, has shown itself altogether marvelous.

Lastly, and a most important point for our vineyards, this fertilizing Fibre applied to the vine in the same way

that manure is used in the Medoc, viz.: by what is called "la demi-fosse," has caused, in several rows of two year old grafted vines, a strength of vegetation which has made the neighboring vines look sickly—so that one can conclude that this Jadoo, so favorable as it is to the development of roots, is called to render great service to the growing of vines, particularly in nurseries, and in new plantations of grafted vines. Moreover, this fertilizer is not disagreeable or repugnant to handle, which will be appreciated by amateurs who work with their own hands, and more especially by lady horticulturists.

Extract from Report on Jadoo in France.

The potatoes were being dug up while we were there, and the laborers called our special attention to the fact that the potatoes formed **only** in the Jadoo round the stalk and **never** in the soil.

In a vineyard where a comparative test of vines with and without Jadoo was made, the vines in Jadoo showed most marked superiority over those in earth. M. de Merona said, "You really have no need to look at the marks to see where Jadoo begins." M. de Merona also showed us some truly marvelous results with tomatoes grown in Jadoo or rather in soil mixed with Jadoo Fibre. ***On 130 tomato plants he had got at least 8000 tomatoes.***

We also saw some excellent crops of celery, strawberries and especially kale grown in Jadoo Fibre; the latter were remarkably fine.

We visited the Experimental Field at Avenson on the Barren Landes soil. This soil is considered absolutely useless for growing anything in, but after being cleared and ploughed up, it has, with the aid of a very small quantity of Jadoo Fibre, grown a really splendid crop of potatoes, a very good crop of beet-root (both ordinary beet-root and sugar beet) and an exceedingly good crop of young grape-vines.

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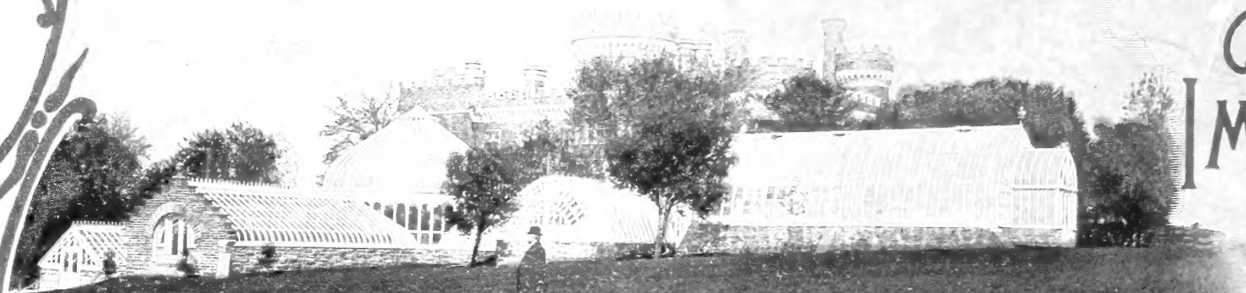
	lbs. per bus.	1 1/2 lbs.
Beans, Dwarf, in drills.....	60	1 1/2 lbs.
Beans Pole, in hill.....	60	10 to 12 qts.
Beets, Table, in hill.....	6 lbs.	
Beets, Mangle Wurzel.....	5 lbs.	
Buckwheat.....	48	1 bus.
Cabbage, in beds to transplant ..	1/4 bus.	
Carrot, in drills.....	3 to 4 lbs.	
Clover, Red.....	60	20 lbs.
Clover, White.....	60	12 to 15 lbs.
Clover, Alsike.....	60	10 lbs.
Clover, Lucerne or Alfalfa.....	60	20 lbs.
Corn, in hills.....	8 to 10 qts.	
Corn for fodder.....	56	3 bush.
Cucumber, in hills.....	2 lbs.	
Grass, Kentucky Blue.....	14	3 bus.

	lbs. per bus.	3 bus.
Grass, Orchard.....	12	3 bus.
Grass, English Bye.....	24	3 bus.
Grass, Red Top.....	10	3 bus.
Grass, Timothy.....	45	1/2 bus.
Grass, Hungarian.....	48	1 bus.
Kale.....	5 lbs.	
Melon, Musk, in hills.....	2 to 3 lbs.	
Melon, Water, in hills.....	4 to 5 lbs.	
Millet.....	48	1 bus.
Oats, broadcast.....	32	2 to 3 bus.
Onion, in drills.....	6 to 8 lbs.	
Onion for Sets, in drills.....	50 lbs.	
Onion Sets, in drills.....	6 to 12 bus.	
Parsnip, in drills.....	4 to 6 lbs.	
Round Peas, in drills.....	60	1 1/2 bus.

	lbs. per bus.	1 1/2 bus.
Wrinkled Peas, in drills.....	56	1 1/2 bus.
Peas, broadcast.....	3 bus.	
Potatoes (cut tubers).....	60	8 bus.
Pumpkin, in hills.....	3 lbs.	
Radish, in drills.....	8 to 10 lbs.	
Rye, broadcast.....	56	1 1/2 to 2 bus.
Salsify, in drills.....	8 to 10 lbs.	
Spinach, in drills.....	15 lbs.	
Squash, bush varieties, in hills..	4 lbs.	
Squash, running varieties, in hills	3 lbs.	
Tomato, to transplant.....	1/4 lb.	
Turnip, in drills.....	2 lbs.	
Turnip, broadcast.....	2 lbs.	
Wheat, broadcast.....	0	1 1/2 to 2 bus.

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